



The icing on the cake

WINTERSTEIGER offers an extensive range of machine and workshop accessories with more than 1,200 products. Exact fulfilment of the customer's requirements, the highest possible quality and rapid availability are essential for product development:

- The starting point for development of machines and the accompanying accessories is our intensive customer service. We fulfil the latest customer requirements and offer a wide variety of product variants – so there is something for everyone.
- Quality is our first priority. For example, the new, high-grade WINTERSTEIGER waxes were developed in collaboration with VOLA, a well-known French manufacturer.
- More time for productivity. With the completion of our new logistics centre in 2012, products can be stored efficiently in a total area of 7,500 m² and can be shipped quickly. Thus, you can get your orders as quickly as possible and can always remain productive.

The right accessory is the icing on the cake. Take advantage of our many years of experience and choose from our comprehensive range of products for your success.



WINTERSTEIGER SPORTS is the world market leader, providing complete service for skis and snowboards, storage and rental solutions. Ski and snowboards shops, rental stations, famous ski and snowboard manufacturers and national Ski Federations rely on **WINTERSTEIGER's** tailor-made system solutions and first-class service. The headquarters located in Austria, subsidiaries in Germany, France, Italy, Switzerland, USA, Canada, China and more than 20 representations throughout the world ensure a closely-knit sales network and global service. Customer service at **WINTERSTEIGER** quite simply means being served better and faster!



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The WINTERSTEIGER retail program features tools and information for the consumer to maintain their equipment between shop visits. The more the consumer is educated about properly tuned equipment, the more shop visits they will make during the season. WINTERSTEIGER Ski and Snowboard Tuning Tools are the perfect solution for the do-it-yourselfer who wants to keep their skis and snowboards in top notch condition between visits to your WINTERSTEIGER repair shop. Not only are we offering the highest quality tools, we also offer displays and packaging that tie the product line back to your repair shop. Our complete line of hand tools allow your customers to wax, repair minor base damage, and keep their edges sharp and smooth. Detailed product use and consumer information about the need for tuning is available online at our consumer based web site www.tuneyourskisandboards.com. All retail products have EAN-codes on the packaging.

Ski Vise SPORT PLUS

Sturdy, high-tensile aluminium vise for tuning all types and shapes of skis. The Vise SPORT PLUS is a very easy to use for tuning all types and shapes of skis. Features sturdy high tensile aluminum and is light and easy to transport. The holding system keeps the ski secure for base and side edge work. Includes 2 brake retainers. (packaged for retail). **NEW:** this vise allows also a 60° positioning of the skis for fast and simple edge tuning.

57-401-014

Ski Vise PRO - Wide Opening

Multipurpose vise for all types of skis from 25 to 155 mm width at waist. For use when maximum holding power is needed. The Ski Vise Pro Wide Opening has jaws with 90 mm of holding surface and is built to withstand heavy use. The holding frame includes shellless jaws that will hold any shape sidewall and can accommodate riser plates. The adjustable guide blocks include the locking spindle. This feature allows the ski to be held sideways for edge and sidewall work without interference from the holding vise. (packaged for retail)

57-401-225 Jaw Width 90 mm; Jaw Opening 38/150 mm;
High Tensile Aluminum Body; Rubber Lined Jaw





Ski Vise RACING

Heavy Duty, high-tensile aluminium vise for tuning skis.

The holding frame includes shelf less jaws that will hold any shape sidewall and can accommodate riser plates.

NEW: this vise allows also a 60° positioning of the skis for fast and simple edge tuning.

57-401-020 Jaw Width 70 mm; Jaw Opening 28/90 mm;
High Tensile Aluminum Body; Rubber Lined Jaw



Board/ Freeride Stopper

Sturdy universal vise for tuning snowboards and wide skis.

This vise comes with a high-impact plastic body and a special rubber grip top that holds the snowboard extremely well for flat filing and waxing. For two side edge positions: standard 90° and easy 60°.

Suitable for all kinds and shapes of skis and snowboards. Binding clearance: 160 mm

57-401-025

NEW



Brake Retainer

To fix the ski brakes in upper position.

A Universal Ski Brake Retainer with more flex that works with all bindings. This specially formulated rubber compound is tough, long lasting with 100% elongation.

57-440-003 4 pcs.

Flatness Tester

15 cm x Ø 1.27 cm true bar

To .0005 tolerance heat treated and black oxide treated. Place the true bar on the base in the tip, under the binding, and on the tail to check for flatness, by looking for light under the true bar in the middle or by the edges.

57-203-201



ERGO RAZOR Sidewall Planer

To remove sidewall material.

The ERGO RAZOR Sidewall Planer is essential for preparation of side edge filing. It is very important to remove the sidewall material to avoid loading files with plastic and to keep the sidewall from interfering with the bevel on the edge. It is adjustable and can be used with both the right and left hands. It comes with a round cutting blade.

57-401-100



Discman 2

The mobile grinding tool for side edge and base edge tuning of skis & snowboards. With grinding disc, rechargeably battery, battery charger and tools for changing the disc.

NEW: For base edge tuning the optional base edge tuning attachment art.no. 55-100-680 is needed. With an optional external transformer the Discman device can also be used with power cord from now on. Look at page 40/41 for a more detailed description of this tool.

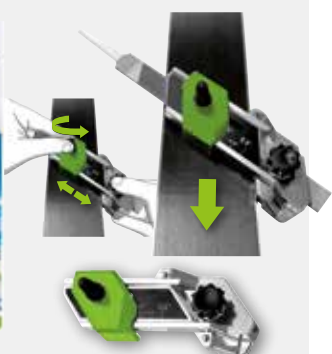
55-100-650	battery operated Discman with battery charger 230 V / 18 V
55-100-641	battery operated Discman with battery charger 110 V / 18 V
55-100-660	corded Discman with external transformer 230 V / 50 Hz



Aluminium Side Edge File Guides

These anodized aluminium file guides are the perfect choice for the home tuner. Each guide is milled with a channel in the corner to allow fillings to fall away from the base. Tools can be used with most files or abrasive stones.

57-401-300	90°
57-401-301	89°
57-401-302	88°
57-401-303	87°



Adjustable BASE EDGE File Guide

To bevel the base edge from 0.5 to 1.5 degree.

This base edge file guide uses the same quality in design and materials as the 55-500-092 and 55-500-093 (page 19). The new design allows for the adjustment of the base edge from 0.5 to 1.5 of bevel.

57-401-112	0.5° - 1.5°
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PRO SHARP RACE File Guide

This updated professional side edge sharpener gives very accurate bevels from 90 o 85 degrees. A larger knob allows adjustment to one of the 6 possible positions without the need of a screwdriver. Innovative arrow pattern allows waste material to fall free of the base without damage and reduces friction. Accepts files, stones, and diamond stones up to 6 mm thick and comes with a 80mm ICECUT file.

57-401-030 90° - 85°



RACING SHARP

Ergonomic design side and base edge sharpener (for 89° to 86° side edge bevel and 0.5° and 1° base edge bevel). Packaged for retail.

57-401-145 Including File tool

RACING SHARP KIT

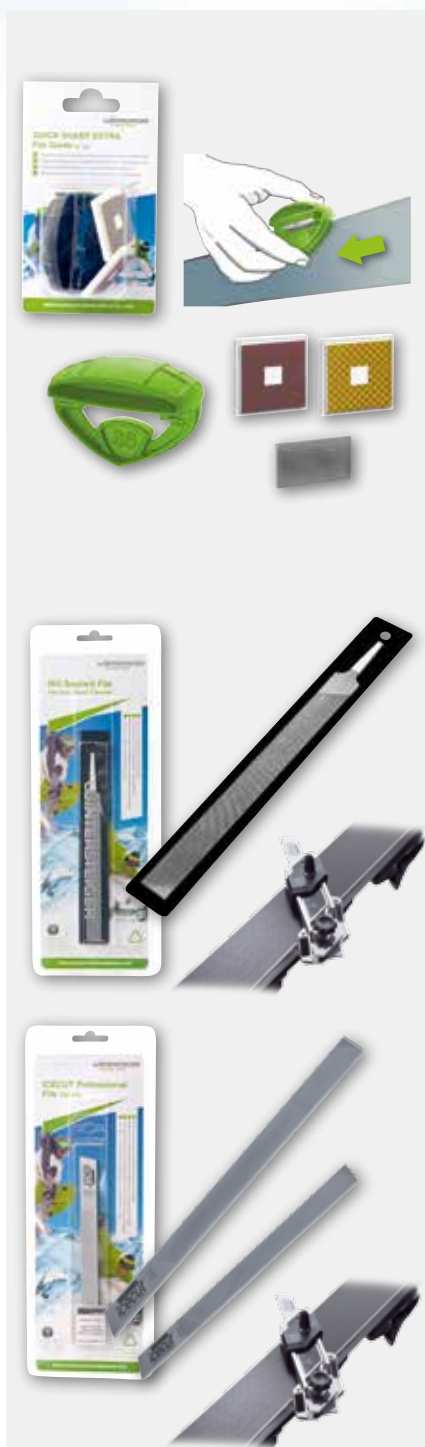
Ergonomic design side and base edge sharpener (89° to 86° side edge bevel and 0.5° and 1° base edge bevel). Packaged for retail.

57-401-146 Including Zirconium, File and Diamond tool



Replacement File

57-401-173 Replacement Zirconium File
57-401-174 Replacement File 80 mm
55-500-108 Replacement Diamond file



QUICK SHARP File Guide

Side edge sharpener for 89 - 88 degrees.

The plastic molded tools are easy to use and carry on the hill.
Packaged for retail.

Quick Sharp File Guide

57-401-161 Including File tool

Quick Sharp EXTRA File Guide

57-401-163 Including Zirconium, File and Diamond tool

Replacement File

55-500-107 Replacement Zirconium File
55-500-106 Replacement File 40 mm
55-500-108 Replacement Diamond file

Mill Bastard File

High quality file for sharpening side and base edge.

These are not the low quality files traditionally associated with retail sales. These are the same files used by World Cup service technicians and service shops around the world. Guaranteed for their quality and straightness, these are the best files you will find for the money.

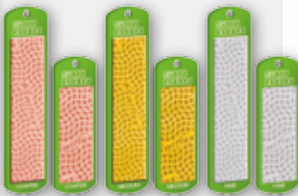
55-500-135 Hard Chrome File, 150 mm

ICECUT Professional File

Super chromed file for accurate bevelling and extended life.

Used by World Cup technicians because of the precision cut teeth and comfortable tangless design. ICECUT files are also the straightest file available for accurate beveling and have one of the highest Rockwell hardness for extended life.

55-500-046 150 mm
55-500-047 200 mm



Diamond File

For edge finishing. Best used with water.

57-401-210	Grit 600, Fine, 70 mm
57-401-211	Grit 400, Medium, 70 mm
57-401-212	Grit 200, Coarse, 70 mm
57-401-220	Grit 600, Fine, 100 mm
57-401-221	Grit 400, Medium, 100 mm
57-401-222	Grit 200, Coarse, 100 mm



File Brush / Card

To clean debris from the teeth of files.

57-200-050



Pocket Stone

For quickly remove minor burrs and imperfections on edges.

57-200-102



Citrus Base Cleaner

For removing grease, adhesives and for cleaning.

57-202-603 0.5 lt.



Drip Candles

Base repair material for repairing scratches and damage to the base on skis and snowboards.

57-440-001	Black, 3 pcs.
57-440-002	Clear, 3 pcs.

Metal Scraper

To remove excess repair material from the base.

55-240-457	130 x 60 x 0.7 mm
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Wax Iron

High quality wax iron for skis and snowboards.

Fine tuned thermostat reduces temperature fluctuations and a thick metal base holds heat to prevent damage during waxing.

57-100-290	240 V / 50 Hz, 800 W
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Easy Liquid Wax

Application is as easy as rub-on, buff off, GO! 50 ml bottle with built-in sponge applicator. Environmentally friendly formula.

57-440-109	50 ml, Easy Wax Liquid
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Easy Wax Rub-On Set

Paraffin based rub-on wax that is suitable for a wide range of snow types and temperatures. Includes 57 g of wax and buffing pad.

57-440-105 57 g box and buffing pad



WINTERSTEIGER Slik Wax

Slik's smaller crystalline structure is designed to penetrate the new harder ski and snowboard bases.

57-440-100	Green, for extremely cold snow, 85 g
57-440-101	Blue, for cold snow, 85 g
57-440-102	Red, for warm snow, 85 g
57-440-103	Yellow, for warm and wet snow, 85 g
57-440-104	Universal, 85 g
57-440-108	Graphite / Graphite, 85 g

Race Service Plastic Scraper Sharpener

This new plastic scraper sharpener is designed to meet the needs of race service personal and service techs. The tall side hold the plastic scraper in the perfect upright position while the large base provide a stable base to hold the tool. The plastic is removed by a replaceable 100 mm file and requires no adjustment to the blade.

57-203-430

Plexi Scraper

To remove cooled wax from the base.

55-200-013	Flexible, 130 x 60 x 3 mm
55-200-015	Stiff, 320 x 70 x 5 mm



Wax Buffing Pad

Used to remove excess wax from the structure.

57-440-010 220 x 150 mm



Soft Red Gummi Stone

For fine buffing and polishing on the edge.

Starting at the tip of the ski / board, the gummi stone should be run at a 45 degree angle for up to 10 to 20 cm past the contact point. Making multiple passes, reducing the length of the stroke each time, feather the edge from the tip to the set bevels. Run the gummi stone from tip to tail to deburr and repeat the detune process in the tail.

57-420-242 40 x 20 x 65 mm

1 Bronze Base Brush

Stiff brush for cleaning out wax before applying hot wax and exposing the structure. Includes Hang Tag for retail display.

55-500-077

2 Nylon Wax Brush

Stiff nylon bristle brush for perfect wax texturing. Includes Hang Tag for retail display.

55-500-016

3 Horse Hair Wax Brush

High-quality horsehair brush to expose the base texture. Includes Hang Tag for retail display.

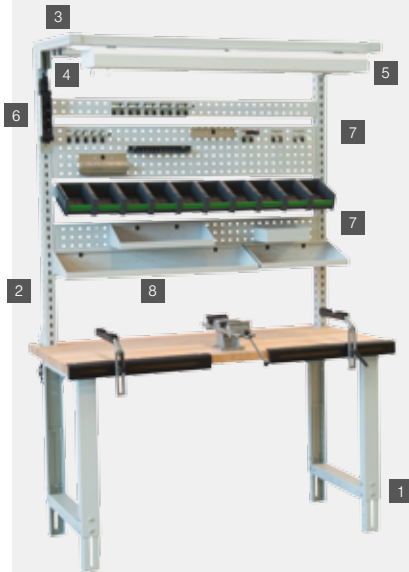
55-500-078



*** NEW**

Multi-Functional Work Bench

The articles 55-125-181, 55-125-182, 55-125-183, 55-125-184, 55-125-185 and 55-125-186 only fit to the new upper frame art.no. 55-125-180 as of 2014.



The double ski and snowboard vise (Art.No. 7050-02-00) and the adjustable rests (Art.No. 7070-02-00) mounted on the worktop are not included with the workbench frame. You find these products on page 20 in this catalog. In accordance with above picture, the perforated sheet metal plate (Art.No. 55-125-185) may mounted twice onto the upper frame. This enables more possibilities to place the various holding devices – see page 16.



1 Work Bench Frame

Adjustable height (80 – 95 cm), incl. beechwood plate.

55-125-100 Worktop: 1500 x 750 x 40 mm (L x W x H)

2 Upper Frame*

For fixing of top frame and perforated plates.

55-125-180 W = 1.357 mm

Only suitable for workbenches as from 2014

3 Top Frame*

Incl. 1 guide rail 1.350 mm, 2 idler rollers and 1 pair of stopper.

55-125-181

Only suitable for workbenches as from 2014

4 Optional Guide Rail*

Including 1 pair of stopper, to equip the top frame with 2 guide rails.

55-125-182 L = 1.350 mm

Only suitable for workbenches as from 2014

5 Lighting System*

Incl. 2 fluorescent lamps.

55-125-183 2 x 36 W, for upper frame art.no. 55-125-180

Only suitable for workbenches as from 2014

6 Power Supply*

Incl. 3 sockets, on-off switch and fixing clamps.

55-125-184 with supply cable 230 V, 3 m

Only suitable for workbenches as from 2014

7 Perforated Plate*

55-125-185 1.350 x 240 mm (L x H)

Only suitable for workbenches as from 2014

8 Metal Trays*

Set with 2 shelves for attachment to the perforated plates.

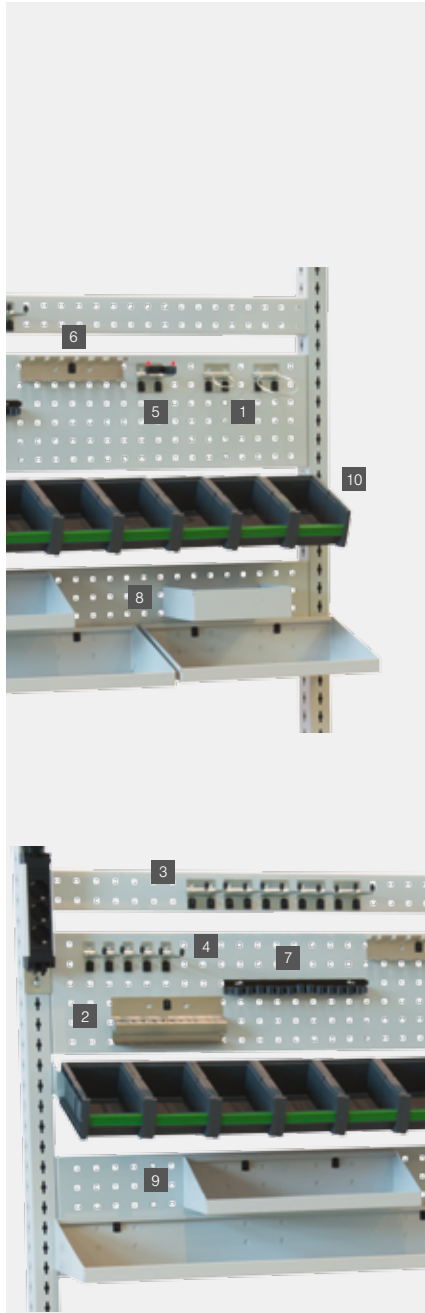
55-125-186 900 x 250 mm, 450 x 250 mm (L x H)

Only suitable for workbenches as from 2014

9 Drawer Cabinet*

Optional drawer cabinet for attachment to the underside of the worktop. With 2 lockable full-extension drawers.

55-125-187 525 x 525 x 400 mm (L x W x H)



Holding Devices for multi-functional Work Bench

1 Holder

For electronic drill or screw-driver.

55-125-146 Ø 40 mm

55-125-153 Ø 80 mm

2 Drill Holder for 13 units

55-125-156 L = 225 mm

3 Tool Holder with double hook

Box with 5 pcs.

55-125-154 L = 100 mm

4 Tool Holder with single hook

Box with 5 pcs.

55-125-155 L = 100 mm

5 Flexible Tool Holder

Clamp support for universal use.

55-125-158 For Ø 15 - 25 mm

6 Tool Holder

For 6 screw drivers.

55-125-150 L = 190 mm

7 Tool Holder

For 13 units.

55-125-147 L = 300 mm

8 Tray

55-125-151 225 x 175 x 65 mm

9 Tray

55-125-152 450 x 170 mm

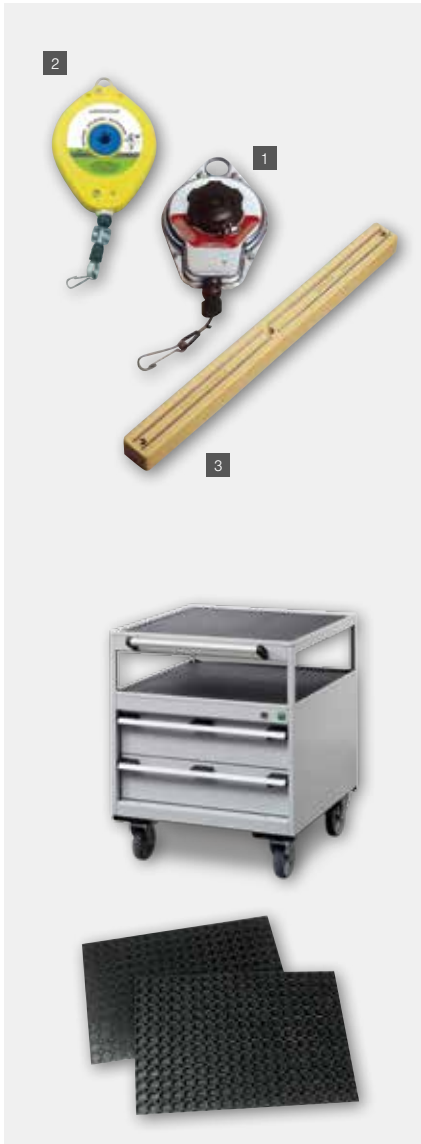
10 Retaining Rail with 10 Small Parts Boxes

Set mit 1 support rail L = 1.298 mm and 10 Boxen
130 x 198 x 90 mm (W x D x H).

55-125-188 1.298 x 265 x 90 mm

Only suitable for workbenches as from 2014

NEW



1 Balancer

With metal housing, easy adjustable.

55-100-250 1 - 2 kg

2 Balancer

Competitive priced balancer with plastic housing and WINTERSTEIGER label, easy adjustable.

55-100-248 1 - 2 kg

3 Magnetic Tool Holder

55-100-180 L = 350 mm

Moveable Drawer Cabinet

With 2 drawers H = 150 mm each and 2 shelves incl. rubber mat.

55-125-170 65 x 71 x 79 cm (L x W x H)

Rubber Workshop Mat

56-300-100 80 x 60 cm, closed bottom side

56-300-120 80 x 60 cm, open bottom side



WORKSHOP ACCESSORIES

Workbenches and Accessories

2



Clean-Up Paper Roll

77-600-150 approx. 1000 sheets

Paper-Roll Holder

(without paper)

7019-01111-V2

Wall Mounted Paper-Roll Holder

(without paper)

7019-01111-V1



TORK Premium Cleaning Cloth

Nonwoven cleaning cloth for versatile and flexible use, with high suction power and tensile strength, very well suited for applications with oil, grease and grinding emulsion.

56-300-020 38 x 43 cm, 140 pcs.

TORK Dispenser for Wall Mounting

For 1 bag = 140 pcs. premium cleaning cloths.

56-300-025 413 x 220 x 200 mm (L x W x H)



Hand Cleaning Wipes

Useable without water, 36 pcs. box.

56-300-010



Service- / Waxbench

Adjustable height, fully galvanized, stable construction, collapsible.

55-100-601 Waxbench 120 x 50 x 80 cm (L x W x H)
(without ski vise)

55-100-602 Optional Upper Frame to hold 2 pairs of skis

Ski Vise Pro Wide Opening

For use when maximum holding power is needed. The Ski Vise Pro Wide Opening has jaws with 90 mm of holding surface and is built to withstand heavy use. The holding frame includes shelfless jaws that will hold any shape sidewall and can accommodate riser plates. The adjustable guide blocks include the locking spindle. This feature allows the ski to be held sideways for edge and sidewall work without interference from the holding vise. (packaged for retail)

57-401-225 Jaw Width 90 mm; Jaw Opening 38/155 mm;
High Tensile Aluminum Body; Rubber Lined Jaw

Ski Vise BACKSHOP

Great shop vise for alpine and cross country skis as well as snowboards. The supports include a vise to hold both skis and boards tightly while working on side edges.

55-500-057 70 mm Jaw Opening for skis,
270 mm Jaw Opening for Snowboards

Ski Vise RACING

Heavy Duty, high-tensile aluminium vise for tuning skis.

The holding frame includes shelf less jaws that will hold any shape sidewall and can accommodate riser plates.

NEW: this vise allows also a 60° positioning of the skis for fast and simple edge tuning.

57-401-020 Jaw Width 70 mm; Jaw Opening 28/90 mm;
High Tensile Aluminum Body; Rubber Lined Jaw

Cross Country Support Plus

The Cross Country Support Plus attaches to the adjustable guide block of the Ski Vise RACING. It gives more support to cross country skis during tuning.

55-500-054

Ski Vise SPORT PLUS

Sturdy, high-tensile aluminium vise for tuning all types and shapes of skis.

The Vise SPORT PLUS is a very easy to use for tuning all types and shapes of skis. Features sturdy high tensile aluminum and is light and easy to transport. The holding system keeps the ski secure for base and side edge work. Includes 2 brake retainers. (packaged for retail).

NEW: this vise allows also a 60° positioning of the skis for fast and simple edge tuning.

57-401-014

WORKSHOP ACCESSORIES

Workbenches and Accessories

NEW

Board/ Freeride Stopper

Sturdy universal vise for tuning snowboards and wide skis.

This vise comes with a high-impact plastic body and a special rubber grip top that holds the snowboard extremely well for flat filing and waxing. For two side edge positions: standard 90° and easy 60°. Suitable for all kinds and shapes of skis and snowboards. Binding clearance: 160 mm

57-401-025

DSP Double Ski and Snowboard Vise

Wider model for reparings of 30 - 150 mm wide skis (in the binding area) and snowboards up to 400 mm width.

1 7050-02-00 Vise only, rests sold separately

VA Adjustable Rests

250 mm wide edition with rubber coated guide blocks for side edge tuning.

2 7070-02-00 250 mm wide

Spare Clamp Lever and Sliding Plate

Replacement parts for adjustable rests if the handle strips out.

3 43-100-460 Handle used to secure adjustable rest (male end)

4 7070-0111-003 Screw plate that the handle threads into (female end)

SSPV Adjustable Mounting Vise for Skis

The fastest vise for mounting bindings. Wider model for skis up to a width of 190 mm.

7080-402



FEIN Electronic Screw-Driver

With continuously variable rotation speed, clockwise and counter-clockwise rotation, including spiral cable and hanger; 230 V / 230 Watt.

55-100-400

Expanding Spiral Cable

15-209-100



FEIN Electronic Drill

Electronic controlled drilling machine with clockwise and anti-clockwise operation. An integrated spindle lock and single sheath metal quick clamping drill chuck allow tools to be quickly and easily changed with just one hand. Including spiral cable and hanger.

55-100-300 230 V / 500 W, 1.7 kg

Expanding Spiral Cable

15-209-100



FEIN Cordless Drill 14.4V

Incl. keyless chuck, two lithium-ion batteries 2 Ah, rapid charger, wrist strap, 2 bits and plastic tool case, friction clutch adjustable in 10 steps (level 1-9 for screwing, level 10 for drilling), right and left rotation.

55-100-380 1.8 kg, 450/1600 rpm.

NEW

FEIN Spare Battery

55-100-384	14.4 V
55-100-381	12 V
55-100-382	9.6 V

FEIN Replacement Charger 12 V

55-100-383





Snowboard Multi-Set

This set includes:

- 1 Snowboard drill 110°
- 1 Gauge drill
- 10 Multi inserts 7 mm
- 10 Multi inserts 9 mm
- 5 Countersink screws M6 x 16
- 5 Countersink screws M6 x 20
- 5 Roundhead screws M6 x 16
- 5 Roundhead screws M6 x 20
- 10 Brass inserts to strike
- 10 Alpine / XC-Screws M5.5 x 13 mm

55-200-019



Snowboard Multi-Inserts

- | | |
|------------|--|
| 55-200-025 | 7 mm – Ø M6 (50 pcs.), different colours |
| 55-200-035 | 7 mm – Ø M6 (50 pcs.), transparent |
| 55-200-036 | 7 mm – Ø M6 (50 pcs.), black |
| 55-200-026 | 9 mm – Ø M6 (50 pcs.), different colours |
| 55-200-037 | 9 mm – Ø M6 (50 pcs.), transparent |
| 55-200-038 | 9 mm – Ø M6 (50 pcs.), black |



Snowboard Drill 110°

55-200-020



Binding Drill Set

Set with 10 binding drills:

- 2 pcs. 3.5 x 7 mm
- 1 pc. 3.5 x 9 mm
- 1 pc. 3.5 x 15 mm
- 1 pc. 3.6 x 9 mm
- 1 pc. 3.6 x 14.5 mm
- 1 pc. 4.1 x 7 mm
- 2 pcs. 4.1 x 9 mm
- 1 pc. 4.1 x 11 mm

55-100-337

Binding Drill

Child skis

55-100-315	3.5 x 7 mm
55-100-316	3.5 x 9 mm
55-100-322	3.5 x 9.5 mm

Cross-country skis

55-100-314	3.6 x 14.5 mm
55-100-317	3.5 x 15 mm
55-100-318	3.8 x 15 mm

Alpin and carving skis

55-100-313	3.6 x 6.5 mm
55-100-310	3.6 x 9 mm
55-100-311	3.6 x 7 mm
55-100-312	3.6 x 7.5 mm
55-100-319	3.8 x 9 mm
55-100-323	3.8 x 11 mm
55-100-321	4.0 x 7 mm
55-100-324	4.0 x 9 mm
55-100-320	4.1 x 7 mm
55-100-328	4.1 x 7.5 mm
55-100-330	4.1 x 9 mm
55-100-329	4.1 x 9.5 mm
55-100-339	4.1 x 11 mm
55-100-332	4.2 x 11 mm

Alpine and Carving skis with binding plates

55-100-333	4.6 x 10 mm
55-100-334	4.6 x 11.5 mm

Binding Drill

With special coating for alu binding plates.

55-100-338	4.1 x 9 mm with TiN-coating
55-100-335	4.6 x 11.5 mm ISOTIn, with continuous spiral

Multi Gauge Drill

For alpin and carving skis with hard binding plates.

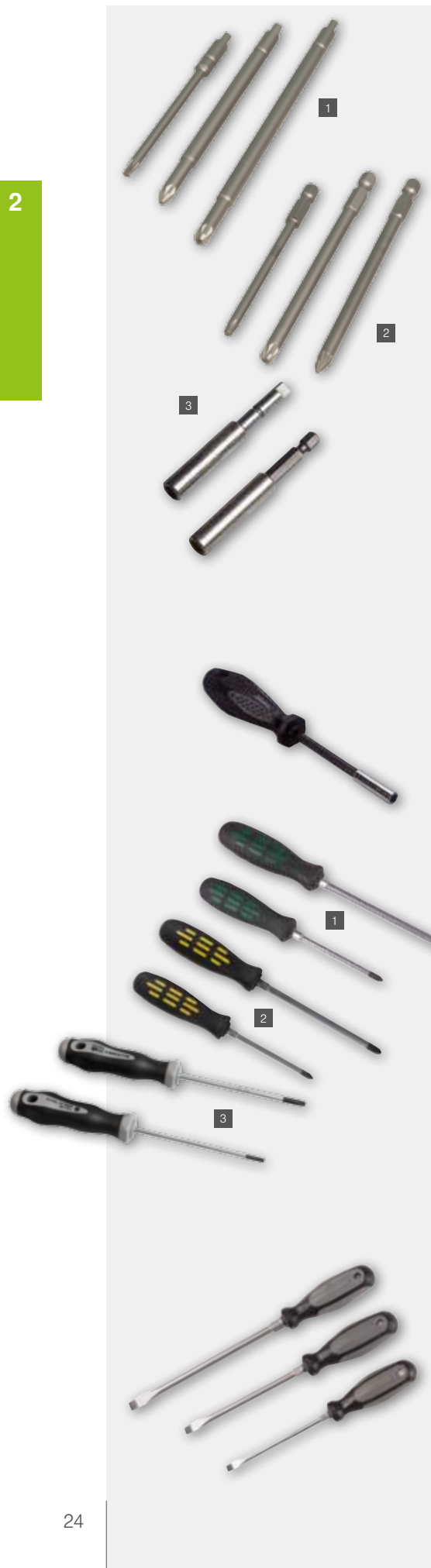
55-100-336	3.3 / 4.1 x 11 mm
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Bit

55-100-430	Pozidrive 25 mm, size 2	✳
55-100-440	Pozidrive 25 mm, size 3	✳
55-100-450	Philips 25 mm, size 3	✳
55-100-460	Torx 25, L = 25 mm	✳
55-100-461	NEW! Torx 20, L = 25 mm	✳

Straight Slot

55-100-425	25 mm
------------	-------



1 Screwdriver Bit

Screwdriver Bit for FEIN screw driver 55-100-400.

55-100-470	Pozidrive 100 mm, size 2	✚
55-100-475	Pozidrive 120 mm, size 2	✚
55-100-480	Pozidrive 100 mm, size 3	✚
55-100-485	Pozidrive 120 mm, size 3	✚
55-100-486	Pozidrive 150 mm, size 3	✚
55-100-487	NEW! Torx 20, L = 100 mm	⌘
55-100-488	NEW! Torx 25, L = 120 mm	⌘

2 Screwdriver Bit

Hexagonal.

55-100-490	Pozidrive 120 mm, size 2	✚
55-100-495	Pozidrive 120 mm, size 3	✚
55-100-496	NEW! Torx 20, L = 100 mm	⌘
55-100-497	NEW! Torx 25, L = 120 mm	⌘

3 Magnetic Bit Holder

For the magnetization of 25mm long bits.

55-100-410	For FEIN screw driver 55-100-400
55-100-409	Hexagonal

Bit Holder

For pozidrive, philips and straight bits.

55-100-405

Screwdriver

With hexagonal bolster for a wrench attachment.

1	55-500-006	Pozidrive, size 2	✚
1	55-500-007	Pozidrive, size 3	✚
2	55-500-080	Philips, size 2	✚
2	55-500-081	Philips, size 3	✚
3	55-500-082	NEW! Torx 20	⌘
3	55-500-083	NEW! Torx 25	⌘

Standard Screwdriver Set

With hexagonal bolster for a wrench attachment.

55-500-005	Straight slot, size 6.5 / 8 / 10 mm
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1 Hollow Drill Bit

For drilling out broken ski binding screws.

55-530-403 L = 75 mm, Ø = 8 mm

2 Gauge Drill

55-100-351 Ø = 8 mm

1 Plastic Inserts to strike

To be driven in, Ø = 8 mm.

55-530-416 100 pcs.

2 Brass Inserts to strike

55-530-405 100 pcs.

3 Brass Inserts to be screwed in

55-530-406 L = 8 mm, 100 pcs.

55-530-407 L = 9 mm, 100 pcs.

55-530-411 L = 9 mm, 100 pcs., for plastic binding plates

55-530-408 L = 11 mm, 100 pcs.

4 Screwdriver for Brass Inserts

55-530-409





Screws Set Snowboard

Set with 200 screws consists of:

Each 20 pcs. countersink screws M6 x 10, 12, 16, 20, 25 mm
each 20 pcs. roundhead screws M6 x 10, 12, 16, 20, 25 mm

55-200-120



Snowboard Screws

Countersink screws and roundhead screws (packages with 50 pcs.).

55-200-121	50 countersink screws M6 x 10 mm
55-200-122	50 countersink screws M6 x 12 mm
55-200-123	50 countersink screws M6 x 16 mm
55-200-124	50 countersink screws M6 x 20 mm
55-200-127	50 roundhead screws M6 x 12 mm
55-200-128	50 roundhead screws M6 x 16 mm
55-200-129	50 roundhead screws M6 x 20 mm



Screws Set Alpin

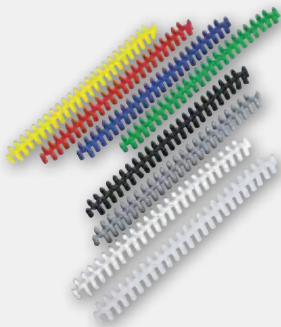
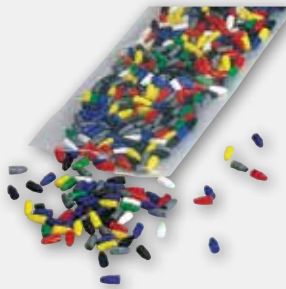
Set with 300 screws consists of: 50 pcs. 5.5 x 9.5, 50 pcs. 5.5 x 11.5,
50 pcs. 5.5 x 13, 50 pcs. 5.5 x 15, 50 pcs. 5.5 x 16,
50 pcs. 6.2 x 17.5, 1 pc. binding glue 25 ml

55-200-100



Alpine / XC-Screws

55-200-105	100 screws M5.5 x 9.5 mm
55-200-106	100 screws M5.5 x 11.5 mm
55-200-107	100 screws M5.5 x 13 mm
55-200-108	100 screws M5.5 x 15 mm
55-200-109	100 screws M5.5 x 16 mm
55-200-111	100 screws M5.5 x 18 mm
55-200-112	100 screws M5.5 x 21.5 mm
55-200-113	100 screws M5.5 x 28 mm, Cylinder head
55-200-110	100 screws M6.2 x 17.5 mm



Wooden Plugs

55-530-410 100 pcs.

Binding Glue

55-530-290 100 ml

Hole Plug Kit

Approx. 3000 hole plugs in 18 different colours.

55-530-431

Plastic Plugs

55-530-430 Different colours, 500 pcs.
 55-530-432 White, 500 pcs.
 55-530-433 Red, 500 pcs.
 55-530-434 Yellow, 500 pcs.
 55-530-435 Blue, 500 pcs.
 55-530-436 Grey, 500 pcs.
 55-530-437 Black, 500 pcs.

Plastic Plugs

50 pcs. on bars.

55-530-420 Yellow
 55-530-421 Red
 55-530-422 Blue
 55-530-423 Green
 55-530-424 Black
 55-530-425 Grey
 55-530-426 White
 55-530-427 Transparent

Binding Spray

55-530-300 300 ml

WORKSHOP ACCESSORIES

Binding, Mounting and Repair / Base Repair

2



Long Brake Retainers

100 pairs per box.

56-400-114	Natural Coloured
56-400-118	Blue Coloured



Short Brake Retainers

100 pairs per box.

56-400-110	Green coloured
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Heating Plate

55-530-111	240 V / 50 Hz
55-530-115	110 V / 60 Hz

Clamp

For heating plate.

55-530-112



Base Repair Set

With binding glue, silicone paper, sinteret base material:

White, transparent and black, 1 m each

1 pc. punch rectangular, 1 pc. punch oval,

1 pc. punch semi-circular,

1 pc. heating plate, 1 pc. clamp

55-530-101	with Heating Plate 240 V / 50 Hz
55-530-102	with Heating Plate 110 V / 60 Hz

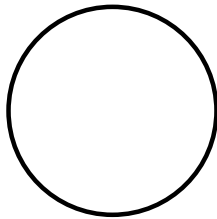


Punches

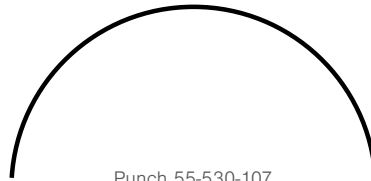
55-530-105	Rectangular
55-530-106	Oval
55-530-107	Semi-circular
55-530-126	Circular, big
55-530-122	Oval, small, closed
55-530-127	Oval, big, closed
55-530-129	Oval, small, open
55-530-123	Oval, big, open

Spare Blade for punches

55-530-134	Rectangular
55-530-131	Oval
55-530-135	Semi-circular
55-530-138	Circular, small
55-530-136	Circular, big
55-530-132	Oval, small, closed
55-530-137	Oval, big, closed
55-530-139	Oval, small, open
55-530-133	Oval, big, open



Punch 55-530-126
Spare blade 55-530-136



Punch 55-530-107
Spare blade 55-530-135



Punch 55-530-106
Spare blade 55-530-131

scale 1:1



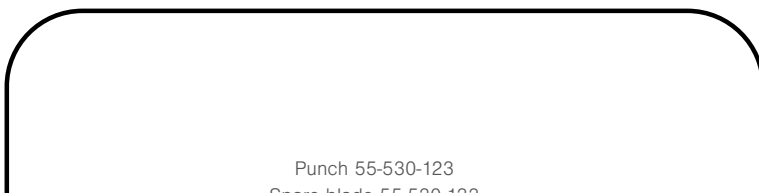
Punch 55-530-105
Spare blade 55-530-134



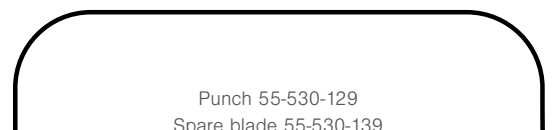
Punch 55-530-127
Spare blade 55-530-137



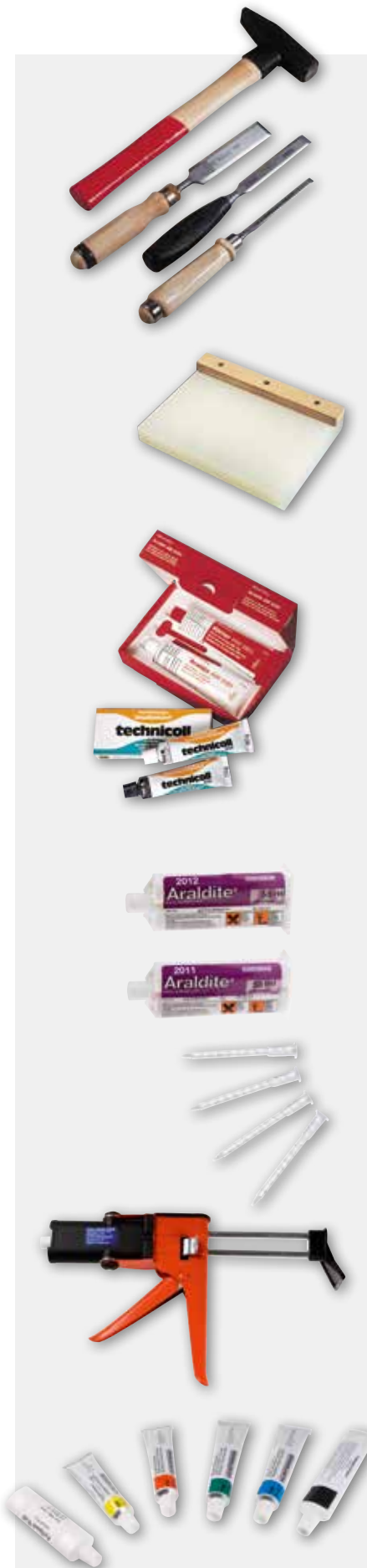
Punch 55-530-122
Spare blade 55-530-132



Punch 55-530-123
Spare blade 55-530-133



Punch 55-530-129
Spare blade 55-530-139



Hammer

For punching.

55-530-114 500 g

Chisel

55-530-140 25 mm

55-530-150 16 mm

55-530-155 8 mm

Punch Plate

55-530-113

ARALDIT 2-Part-Adhesive

55-530-280 2 x 140 ml

TECHNICOLL 2-Part-Adhesive

55-530-285 2 x 65 g

ARALDIT 2-Part-Epoxy Glue

For a more comfortable use of the 2-part-Epoxy glue, these syringe dispensers can be used with a syringe gun. With a mixing nozzle, the 2-Part-Epoxy is ready for use right away.

Dispenser 2012 / 50 ml fast hardening

55-530-340 Work time: 4 min., Handling strength: 20 min.

Dispenser 2011 / 50 ml slow hardening

55-530-341 Work time: 1 ¼ hours, Handling strength: 7 hours

Mixing nozzles for dispenser 50 ml

55-530-360 Bag with 10 pcs.

Econgung for Epoxy syringe dispenser 50 ml

55-530-345

ARALDIT Colour paste

With these colour pastes the epoxy glue can be coloured for reparings of the skis / snowboards and boots.

55-530-350 White, 50 g

55-530-351 Yellow, 50 g

55-530-352 Red, 50 g

55-530-353 Green, 50 g

55-530-354 Blue, 50 g

55-530-355 Black, 50 g



Epoxy Accessory Items

57-202-551	Mixing Cups, 100 pcs.
57-202-552	Mixing Sticks, 50 pcs.
57-202-553	Epoxy Brushes, 12 pcs.



Silicone Release Paper

Use over base patches for easy release of clamping plates.

7019-01111-25	100 mm x 5 lfm
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Polygun III Repair Pistol

With melting head 30 x 25 mm. This gun comes with 2 metal hooks which can be used as a stand.

55-560-306	1 x 220 - 230 V, 50 Hz, 300 W
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Polygun II Repair Pistol

With electronic temperature control and lighted on/off switch. By using built-in magnets the device can be placed and fixed quickly and easily on a supplied metal plate. Nozzle width = 55 mm

55-560-304	1 x 220 - 230 V, 50 Hz, 375 W
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Spare Nozzle

For Polygun Repair Pistol until 2010.

PRE120301A	20 x 20 mm
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Spare Nut

For Polygun Repair Pistol until 2010.

PRE110302A	
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Repair Pins

For Repair Pistol Polygun, Polygun II and Polygun III.

55-560-310	Transparent, 11.5 x 160 mm, 10 pcs.
55-560-311	Black, 11.5 x 160 mm, 10 pcs.
55-560-313	Graphit, 11.5 x 160 mm, 10 pcs.
55-560-315	Transparent, 11.5 x 160 mm, 1 kg = about 70 pcs.
55-560-316	Black, 11.5 x 160 mm, 1 kg = about 70 pcs.
55-560-317	Graphit, 11.5 x 160 mm, 1 kg = about 70 pcs.



Base Material

7510-01111-06	300 x 90 x 1.3 mm, Clear 10 pcs.
7510-01111-05	300 x 90 x 1.3 mm, Black 10 pcs.



Drip Candles

55-100-158	Clear, 10 pcs., 8 x 200 mm
55-100-156	Black, 10 pcs., 8 x 200 mm



Repair Strips

55-530-320	Clear, 1 kg
55-530-310	Black, 1 kg



Metal Grip

Polyethylene wire with adhesive for repairings of deep scratches at the base.

55-560-330	0.4 kg, Ø 5 mm, Clear
55-560-331	0.4 kg, Ø 5 mm, black

ATTENTION: Don't use with repair pistols.



HW 130 Base Planer

55-240-401

Spare Blade for HW 130 base planer

55-240-406 For HW 130, 130 mm
55-240-405 For HW 100, 100 mm



Base Scraper

Incl. doublesided hardmetal blade.

55-240-300 With Blade 50mm
55-240-302 With Handle and Blade 65mm

Spare Blade

55-240-305 50 mm
55-240-306 65 mm



SFI Base Planer

55-240-350

Spare Blade

55-240-355



Radial File

Chromealloyed special steel, for removing repair material from base and sharpening of the edges.

55-500-040 300 mm
55-500-004 350 mm

Holder for radial file

55-500-041 350 mm



Grinding block double-sided

Sanding paper can be fixed on both sides of the grinding block.

55-500-140

Sanding Paper

55-500-143 Grain 180, 50 pcs.

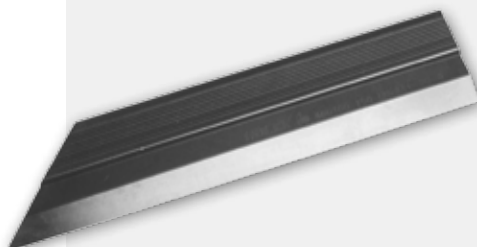
55-500-145 Grain 240, 50 pcs.

55-500-147 Grain 320, 50 pcs.



Base Polish Set

7019-01111-V4 2 pcs. each, coarse and fine, 140 x 110 mm



Professional True Bar

Determines flatness of the base.

55-240-462 L = 150 mm



Brass File Brush

To clean debris from the teeth of files.

55-500-035



File Brush / Card

To clean debris from the teeth of files.

Proper cleaning helps to prolong the life of a file and ensures better overall tuning results.

55-500-180



File Guides for base edge tuning:

Angel File Guide

Set with 3 guides: 0.5°, 1° and 1.5°. Produces accurate degrees of base bevel, suitable for files up to 20 mm width.

55-500-095

Adjustable BASE EDGE File Guide

This base edge file guide uses the same quality in design and materials as the 55-500-092 and 55-500-093. The new design allows for the adjustment of the base edge from 0.5 to 1.5 of bevel.

57-401-112 0.5° - 1.5°

Alu-Oxyd-File

For very hard edges.

55-500-028 150 x 17 x 17 mm, Grain 100

icecut®
a vallorbe swiss product

VALLORBE ICECUT Ski- and Snowboard Files

Files with swiss precision. Used by World Cup technicians because of the precise cut teeth, comfortable tangless design, highest hardness and extended life time.

- | | | |
|---|------------|-------------|
| 1 | 55-500-037 | 120 x 22 mm |
| 2 | 55-500-038 | 150 x 17 mm |
| 3 | 55-500-039 | 200 x 22 mm |

ICECUT Racing File

New type of racing file with special steel for racing use; with **extremely long** life time!

- | | | |
|---|------------|-------------|
| 4 | 55-500-042 | 100 x 22 mm |
|---|------------|-------------|

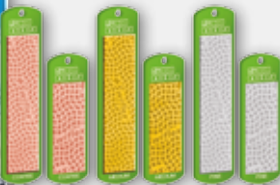


Finn Files

High quality file for sharpening side and base edge.

These are the same files used by World Cup service technicians and service shops around the world. Guaranteed for their quality and straightness, these are the best files you will find for the money.

55-500-130	150 x 15 mm, Cut 2
55-500-131	200 x 20 mm, Cut 1
55-500-132	250 x 25 mm, Cut 1



Diamond Stones

These new diamond files have a high quality diamond fabric with an innovative pattern mounted on hard plastic composite. Best if used with water.

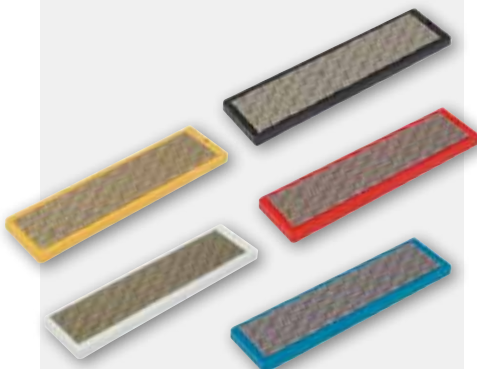
57-401-210	70 mm Fine
57-401-211	70 mm Medium
57-401-212	70 mm Coarse
57-401-220	100 mm Fine
57-401-221	100 mm Medium
57-401-222	100 mm Coarse

Moonflex Diamond Files

These single packed diamond files with a unique design of the diamond pattern removes material but leaves no strations for a fine polish. Best if used with water.

55-500-151	Grain 100, 102 x 25 mm, black
55-500-152	Grain 200, 102 x 25 mm, red
55-500-154	Grain 400, 102 x 25 mm, yellow
55-500-156	Grain 600, 102 x 25 mm, white
55-500-158	Grain 1500, 102 x 25 mm, blue

55-500-161	Grain 100, 70 x 25 mm, black
55-500-162	Grain 200, 70 x 25 mm, red
55-500-164	Grain 400, 70 x 25 mm, yellow
55-500-166	Grain 600, 70 x 25 mm, white
55-500-168	Grain 1500, 70 x 25 mm, blue





File Guides for side edge tuning:

PRO SHARP RACE File Guide

This updated professional side edge sharpener gives very accurate bevels from 90 to 85 degrees. A larger knob allows adjustment to one of the 6 possible positions without the need of a screwdriver. Innovative arrow pattern allows waste material to fall free of the base without damage and reduces friction. Accepts files, stones, and diamond stones up to 6 mm thick and comes with a 80mm ICECUT file.

57-401-030 90° - 85°

Spare File ICECUT

For File Guide ERGOSS 10 and PRO SHARP.

57-401-174 80 mm

RACING SHARP

Ergonomic design side and base edge sharpener (for 89° to 86° side edge bevel and 0.5° and 1° base edge bevel). Packaged for retail.

57-401-145 Including File tool

RACING SHARP KIT

Ergonomic design side and base edge sharpener (89° to 86° side edge bevel and 0.5° and 1° base edge bevel). Packaged for retail.

57-401-146 Including Zirconium, File and Diamond tool

Replacement File

57-401-173 Replacement Zirconium File

57-401-174 Replacement File 80 mm

55-500-108 Replacement Diamond file

Combi Stone

To polish the edges.

55-500-014 100 x 50 x 25 mm

Tuning Steps

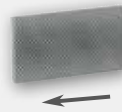
1



Zirconium:

Removes rock damage and burrs before using the file.

2



File:

Sharpens and sets the side edge angle at 90°, 89°, 88° or 87°.

3



Diamond:

Polishes and finish the edges. Best if used with water as a polishing solution.



QUICK SHARP File Guide

Side edge sharpener for 89 - 88 degrees.

The plastic molded tools are easy to use and carry on the hill. Packaged for retail.

Quick Sharp File Guide

57-401-161 Including File tool

Quick Sharp EXTRA File Guide

57-401-163 Including Zirconium, File and Diamond tool

Replacement File

55-500-107 Replacement Zirconium File
55-500-106 Replacement File 40 mm
55-500-108 Replacement Diamond file



Aluminium Side Edge File Guides

These anodized aluminium file guides are the perfect choice for the home tuner. Each guide is milled with a channel in the corner to allow fillings to fall away from the base. Tools can be used with most files or abrasive stones.

57-401-300 90°
57-401-301 89°
57-401-302 88°
57-401-303 87°

Spring Clamp

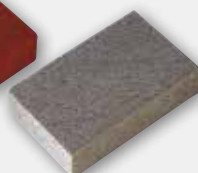
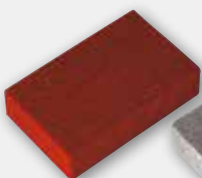
For Alu File Guide.

55-500-165

Gummi Stone

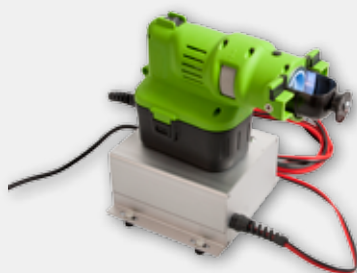
For fine buffing and polishing on the edge.

55-420-240 50 x 20 x 80 mm, grey
57-100-125 40 x 20 x 65 mm, red





Discman - precise edges for a better grip and best times in competition!



Discman

The grinding tool for side-edge and base edge tuning of skis and snowboards.

- The perfect support tool for maintaining Ceramic Disc Finish edges between shop visits
- Exact edge geometry with Ceramic Disc Finish-Technology
- Easy handling
- Easy side-angle adjustment from 85° to 90° in steps of 0.5°
- Mobile use due to a powerful rechargeable battery
- Easy changing of the discs
- With optional Base Edge Tuning Attachment also useable for Base Edge Angles 0.5 - 2°!
- Optional use of Angle Wheels 87°/88°

NEW: Corded Discman with external transformer

NEW: Any previously delivered (battery operated) Discman devices can be operated in future either by battery or external transformer + power cord!

Technical Specifications:

Grinding Speed	16.000 rpm
Grinding Disc	Ø 35 mm
Grinding Angle	85° – 90° side edge, 0,5 - 2° base edge
Power supply	Nickel Metal hydride battery 18 V = 2.200 mAh or external transformer 230 V / 50 Hz
Weight	battery operated Discman: 1.6 kg (3.5 lb) including battery corded Discman: 1.0 kg (2.2 lb) without transformer; 3.6 kg (7.9 lb) with transformer

Discman 2 / 18 V

With grinding disc, rechargeably battery, cleaning brush, battery charger and tools for changing the disc.

55-100-650	with battery charger 240 V / 18 V
55-100-641	with battery charger 110 V / 18 V

Discman 2 / 18 V - 230 V

With grinding disc, cleaning brush and tools for changing the disc.

55-100-660	with external transformer 230 V / 50 Hz
------------	---

Discman Transformer Kit

With 3 m long connection cable and battery housing. By this retrofit kit any previously delivered (battery operated) Discman devices can be operated either by battery or by external transformer + power cord.

55-100-690	18 V - 230 V / 50 Hz
------------	----------------------

Additional Battery

Without battery charger.

55-100-652	18 V
------------	------

Battery Charger

55-100-653	240 V / 18 V
------------	--------------

Base Edge Tuning Attachment

For the optional use with the new Discman 2.

55-100-680	0.5° - 2°
------------	-----------

NEW

NEW



Grinding Set

For precise edge angles the edge guides should be changed together with each change of the disc.

56-221-020 Grinding Disc, Ø = 35 mm, blue + 1 Pair of Edge Guides

Polishing Set

For precise edge angles the edge guides should be changed together with each change of the disc.

56-221-021 Polishing Disc, Ø = 35 mm, orange + 1 Pair of Edge Guides

Spare Angle Adjuster for Discman

64-140-863

Angle Wheels for Discman

For the optional use with both types of the Discman. With those angle wheels, the Discman glides more smoothly over the structures base.

55-100-687 87°
55-100-688 88°

NEW

Cleaning Brush

To clean the housing of the grinding disc.

55-500-320 L = 135 mm

Discman Abrasive Dust Collector

All Discman 2 devices (with black housing of the grinding disc, production year as of 2013) can be optionally equipped by an abrasive dust collector.

55-100-689

NEW

WORKSHOP ACCESSORIES

Edge Care, Wax Material and Accessories

2



Wax Iron

High quality wax iron for skis and snowboards.

Fine tuned thermostat reduces temperature fluctuations and a thick metal base holds heat to prevent damage during waxing.

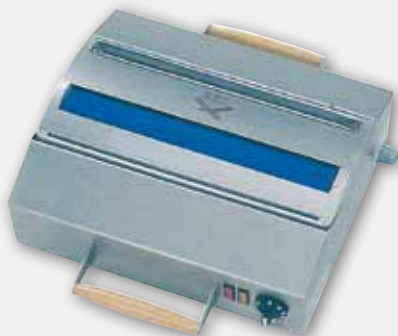
57-100-290 240 V, 50 Hz, 800 W



Waxpro 40

The handy waxer with changeable wax tub, adjustable waxing temperature; wax application in a few seconds and exact dosing. Including 120 mm wide wax roller.

55-115-005 1 x 220 - 230 V, 50 Hz
55-115-001 1 x 110 V, 60 Hz
55-115-006 Spare wax tray with two replacement rollers



Waxpro 350

Handy waxer for snowboards including 350 mm wide wax roller, similar to Waxpro 40.

55-115-007 Waxpro 350, 1 x 220 - 230 V, 50 Hz
55-115-008 Waxpro 350, 1 x 110 V, 60 Hz
55-115-012 Replacement Silicone Roller 350 mm
55-115-022 Option: Wax Scraper with cover and wax filter
55-115-023 Option: Additional Wax Tray with Rollers and Cover



WINTERSTEIGER Wax Remover

For removing grease, wax, adhesives and cleaning.

55-640-305 1 Liter Can (33,8 fl oz)
Produced by VOLA RACING.



Pressure Pump Sprayer

Handy pump spray for the application with the liquid wax and wax remover.

55-640-147 1.5 lt., with adjustable spray nozzle



WINTERSTEIGER Block Wax

1 Counter Top Display Box = 80 x 30 g = 2,4 kg; for hot waxing of skis and snowboards.

55-640-350	2,4 kg, Yellow / Warm, -8°C to 0°C (18°F to 32°F)
55-640-355	2,4 kg, Blue / Cold, -8°C to -20°C (18°F to -4°F)
55-640-360	2,4 kg, White / Universal for all snow temperatures



WINTERSTEIGER Wax Flakes

5 kg box; for hot waxing of skis and snowboards.

55-640-310	5 kg, Yellow / Warm, -8°C to 0°C (18°F to 32°F)
55-640-315	5 kg, Blue / Cold, -8°C to -20°C (18°F to -4°F)
55-640-320	5 kg, White / Universal for all snow temperatures

Produced by VOLA RACING.



Thermo-Jomax

A roll up Hot Box that allows for deep penetration of wax into the base without the bulk and hassles of a traditional hot box. The temperature is regulated to 55° - 65° C so the core and base material is not overheated but enables deep penetration of wax into the base. To use simply unroll the bag and place each ski, base down on either side of the Thermo-Jomax bag and clamp the skis together. Plug the bag in and allow it to slowly reach the proper temperature for 5 to 10 minutes, saturation of the base will take an additional 60 to 90 minutes. After this time unplug the bag and allow to slowly cool back down to room temperature.

For nordic skis position the rolled-out thermal cover on the top side of the two ski supports. Place two cross-country skis on the thermal cover next to one another with the base facing down and slip the ends of the skis into the pockets at the end of the thermal cover. Close the velcro straps all the way down the ski. This puts the thermal cover in direct contact with the base of the cross-country skis. The saturation of the base takes about 60 - 90 minutes as with the alpine skis.

- Bag can be easily wiped clean while the wax is still warm
- Recommended separate bags for different race waxes
- Maximum wax penetration at low temperatures
- Will not damage the base of the core
- First choice for factory and national race teams
- The Thermo-Jomax Nordic can also be used for alpine skis

Thermo-Jomax Alpine

55-115-430	240 V, 50 Hz, 350 W, without Clamps
55-115-434	110 V, 60 Hz, 350 W, without Clamps

Set of Clamps

55-115-432	Set of 3 large Clamps
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Thermo-Jomax Nordic

55-115-431	240 V, 50 Hz, 350 W with Velcro Straps
55-115-435	110 V, 60 Hz, 350 W with Velcro Straps





WORKSHOP ACCESSORIES

Wax Material and Accessories

2



Plexi Scraper

To remove cooled wax from the base.

1	55-200-013	130 x 60 x 3 mm
2	55-240-450	150 x 60 x 4 mm
3	55-200-014	200 x 60 x 3 mm
4	55-200-015	320 x 70 x 5 mm

Metal Scraper Including sheath

To remove excess repair material from the base.

5	55-240-456	130 x 60 x 0.7 mm
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Race Service Plastic Scraper Sharpener

This new plastic scraper sharpener is designed to meet the needs of race service personal and service techs. The tall side hold the plastic scraper in the perfect upright position while the large base provide a stable base to hold the tool. The plastic is removed by a replaceable 100 mm file and requires no adjustment to the blade.

57-203-430

Spare Replacement Blade

57-203-432 100 mm

Metal Scraper / True Bar

For snowboards, with 2 handles.

55-200-010 320 x 30 x 3 mm

WINTERSTEIGER Wax Brushes

1 Bronze Base Brush

This all bronze stiff brush is perfect for cleaning out wax in a coarse structure of the base before applying hot wax.

55-500-077 120 x 70 mm

2 Soft Base Brush

This soft nylon brush is the ideal tool for base finishing.

55-500-079 120 x 70 mm

3 Horsehair Base Brush

This is a high quality brush used for cross-country, alpine and snowboard tuning. An essential tool for the serious tuner to expose the base texture.

55-500-078 120 x 70 mm

4 Nylon Base Brush

General purpose stiff nylon bristle brush. Perfect for wax texturing.

55-500-016 120 x 70 mm

5 Fiber and Nylon Brush

Made out of fiber and nylon, this brush is very useful for cleaning and polishing. Use the fiber side for a deep cleaning of all base structures, followed by the nylon for a fine finish.

55-500-076 120 x 70 mm



Oval Brushes

Horsehair

- 1** World Cup brush with leather strap. To expose the base texture with fine-grain snow.

55-500-111 210 x 90 mm

2 Nylon

- World Cup brush with leather strap. To expose the base texture with coarse-grain snow.

55-500-112 210 x 90 mm

3 Bronze

- World Cup brush with leather strap. Perfect for cleaning out wax in a coarse structure before applying hot wax.

55-500-110 210 x 90 mm

RED CREEK Roto Brushes

1 Copper Brush

- The ideal brush to clean stone-ground skis before waxing. Also used for structuring and hard wax removal. Use single shaft with plexi hood. Maximum 800 rpm.

55-500-306 0.06 x 9 mm, L = 100 mm

2 Gray Fine Nylon Brush

- Used after horsehair, black nylon, or cork roller. Goes deep into the structure to remove excess wax as well as polish. General use as a final brush.

55-500-304 0.2 x 4 mm, L = 100 mm

3 Horse Hair Brown Brush

- High quality brush used as final pass to expose the structure and reduce static charge.

55-500-307 0.25 x 6 mm, L = 100 mm

4 Black Nylon Brush

- All around brush. For removal and polishing of medium or hard paraffin waxes.

55-500-305 0.2 x 11 mm, L = 100 mm

5 Steel Fine Roto Brush

- Used to open and clean the structure, can be very aggressive and should be used at speed under 1000 rpm with eye protection. Never press down while using the steel brush.

55-500-314 0.04 x 6 mm, L = 100 mm

6 Cork

- For melting additives, fluoro powder and even fluoro paraffins.

55-500-311 L = 100 mm

RED CREEK Snowboard Roto Brushes

Gray Nylon Rotary Brush for Snowboards

Used as final step. Removes excess pure fluorocarbon additives with very good results.

55-500-308 0.12 x 4 mm, L = 300 mm

Horse Hair Brown Brush for Snowboards

Used to expose the structure and reduce static charge on snowboards.

55-500-316 0.25 x 6 mm, L = 300 mm

Hooded Single Handle

Long-life, stainless ball bearings and rubber handle.
For use with one 100 mm wide brush.

55-500-309

Double Handle with Single Hood

Long-life, stainless ball bearings and rubber handle.
To be used with two ski brushes 100 mm each.

55-500-318

Snowboard Shaft

Long-life, stainless ball bearings and rubber handle. To be used with 300 mm wide snowboard brushes or two ski brushes 100 mm each.

55-500-310

Paper Tape Racing Service

This paper tape is multi functional and can be used as follows:

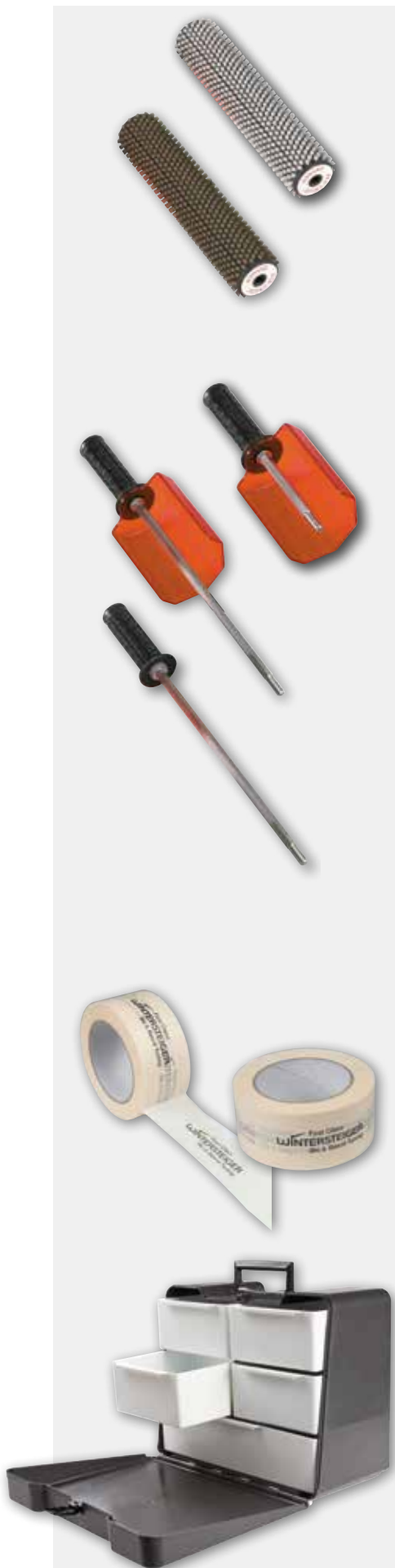
- base can be covered and protected if edges are prepared manually
- during waxing the ski manually the floor can be protected against wax by applying the tape on the side of the ski/board
- Printing forms can be attached to the ski and can be removed spotless

55-500-170 1 Roll = 50 meters, 50 mm wide

Tool Box

With 5 drawers.

55-100-930 350 x 180 x 290 mm



Workshop Service Sticker

With consecutive numbering, minimum order: 100 pcs., informs your customer about the service steps and the advantages of a service.

78-300-780	German, 22.5 x 6 cm
78-300-781	English, 22.5 x 6 cm
78-300-782	French, 22.5 x 6 cm
78-300-783	Italian, 22.5 x 6 cm

Ski Pole Cutting Tool

55-500-001

Spare Blade

55-500-010

Grip and Basket Mounting Tool

55-650-100

1 Spare Clamping Jaws

55-650-101 1 pair

2 Mounting Adapter

For Pole Spring Lock Washers and Leki Adapters.

55-650-102 1 pair

Ski Pole Accessories

Black only.

1	55-650-115	1 Racing basket small Ø 50 mm
2	55-650-116	2 Racing basket big Ø 65 mm
3	55-650-117	Universal basket big Ø 60 mm
4	55-650-118	TÜV basket small Ø 70 mm
4	55-650-119	TÜV basket big Ø 75 mm
5	55-650-129	Big basket Ø 120 mm with metal ring
6	55-650-130	Conical racing basket Ø 75 mm
7	55-650-120	Universal basket adapter
8	55-650-121	LEKI adapter
9	55-650-122	Reduction adapter
10	55-650-123	Spring lock washer 11 mm
10	55-650-124	Spring lock washer 10 mm
11	55-650-126	Jet grip 18 mm with strap
12	55-650-127	Nylon strap
12	55-650-128	Nylon strap with eyelet

BOOTDOC

YOUR SPECIALIST FOR CUSTOMIZED ALTHLETIC FOOTWEAR



ANALYZE



SELECT



CUSTOMIZE

Discover our BOOTDOC and HOTRONIC products. BOOTDOC stands for foot analysis systems, customized insoles and compression socks, foam liners, and complete ski boots. Discover how you can achieve the perfect fit in just 3 steps, and contact your regional sales manager for details of boot fitting options. HOTRONIC is well-known for heatable insoles, as well as boot and glove dryers.



BD FOOT ANALYSIS



BD FF S9



BD BEEDEE 9



BD C4F

BOOTDOC

TUNE YOUR FEET



HOTRONIC HEATING SYSTEMS

boot-doc.com

Boot Fitting

Your customers always want the most comfort from a ski boot, from the time of purchase to all those times on the mountain. Ultracam-Universal is a very distinct and practical machine for removing problem zones in a ski boot. The combination of three different applications (toe box area, heel area and cuff area) the interaction of mechanics and heat results in a fast and simple method for stretching any hard shell boot. The Ultracam-Universal will also stretch any plastic or leather footwear, including hiking boots, in-line and ice skates, and dress shoes.

Fitting all your customers needs.

When using the Ultracam Boot Press, keep the machine in a visible area for all of your customers to see you and it at work. The Ultracam is designed to have consumer appeal, and you will get many requests for custom fittings from your customers. It is amazing how many people do not know what can be done to customize ski and snowboard boots.

Ultracam with removable arms.

Models with removable arms require the shortest amount of working time. A pair of boots can be stretched and widened at the same time. Having a machine removable arms makes cool down time faster, which allows more boots to be formed in the shortest amount of time.

Ultracam with fixed arms.

Models with fixed arms can stretch and widen a pair of ski shoes at the same time. However about 30 minutes of cool down time is necessary, because the arms are fixed on the machine.



The digital display (with electronic thermostat and temperature probe) enables to set a more precise heating temperature as well as to follow and limit the temperature inside the boot during the customizing process (the temperature probe has to be placed inside the boot on the backside of the lasts).

Ultracam Universal Top Plus

With 2 removable arms and top plus accessory kit, u-bolts, round ball and ring punches, and measurement scale.

55-104-115 220 V, 450 W, 36.5 kg, 400 x 600 x 770 mm

Ultracam Universal Top Plus Digital

Like "Top Plus" with digital display.

55-104-165 220 V, 450 W, 36.5 kg, 400 x 600 x 770 mm

Ultracam Universal Single Plus

With 1 removable arm and 3 sizes of straight lasts, includes 7 adapters for expanding and stretching problem zones and 2 u-bolts, round ball and ring punches, and measurement scale.

55-104-105 220 V, 250 W, 27.5 kg, 400 x 470 x 770 mm

Ultracam Universal Single Plus Digital

Like "Single Plus" with digital display.

55-104-155 220 V, 250 W, 27.5 kg, 400 x 470 x 770 mm



Ultracam Universal Top

Like "Top Plus" with 2 fixed arms.

55-104-110 220 V, 450 W, 35 kg, 400 x 600 x 600 mm

Ultracam Universal Top Digital

Like "Top" with digital display.

55-104-160 220 V, 450 W, 35 kg, 400 x 600 x 600 mm



Ultracam Universal Single

Like "Single Plus" with 1 fixed workstation.

55-104-100 220 V, 250 W, 25 kg, 400 x 470 x 600 mm

Ultracam Universal Single Digital

Like "Single" with digital display.

55-104-150 220 V, 250 W, 25 kg, 400 x 470 x 600 mm



Top Plus Accessory Kit

Featuring left and right shaped lasts for all Ultracams, and includes: 2 pair of long adapters, 4 small round adapters, oblong ankle ball and ring punches.

55-104-221



Set of Lasts for ice skates and hiking boots

Used for ice skates, hiking boots and any other leather shoes.

This set includes 3 pairs of special shaped lasts, 14 adapters for expanding and stretching problem zones and 4 u-bolts.

55-104-200



Last and Instep Set

This set includes two lasts for length stretching and an instep tool.

The instep tool will be mounted on the forefoot last and can be heated separately.

55-104-120



Ultracam Instep Tool small

This small instep tool with heating element suits to the small lasts.

55-104-225



Ultracam Ankle Ball Oval

Used on the ankle arm this oval ankle ball with ring enables to stretch a longer area.

55-104-224



New Heel Pocket Last

Used on the ankle punch, this new ball and ring style last includes multiple elements to allow for clean expansion of the heel pocket.

55-104-220



Work Bench

With lockable wheels and 3 lockable drawers, the perfect stand for your Boot Fitting Machine.

55-125-200 1050 x 525 x 905 mm (L x W x H)



Boot Opener

Easy to use tool to open boot shells for better accessibility when grinding the inner shell and removing or attaching boot buckets. A must have tool for any custom boot fitter.

55-104-125



Boot Repair Set

Set with countersink screws M3 x 6/8, M4 x 8/12, M5 x 8/12, cylinder head screws M3 x 6, roundhead screws M3 x 6 washers M4 / M5, screw type oval rivets M3 x 5, M4 x 5, lunar nuts M3 x 5, M4 x 6 and M5 x 8 (total more than 550 pcs.).

55-112-016

The following components of the boot repair set art.no. 55-112-016 can be ordered separately:

- 55-112-017 Countersink screws M4 x 8, 500 pcs.
- 55-112-018 Countersink screws M5 x 8, 500 pcs.
- 55-112-019 Countersink screws M4 x 12, 500 pcs.
- 55-112-020 Countersink screws M5 x 12, 500 pcs.
- 55-112-021 Screw type oval rivets M3 x 5, 500 pcs.
- 55-112-022 Screw type oval rivets M4 x 5, 500 pcs.
- 55-112-023 Lunar nuts, M4 x 6, 500 pcs.
- 55-112-024 Lunar nuts, M5 x 8, 500 pcs.



Rivet Machine NM-11 / 21 with Tool Set

This riveting device comes with two tool holder. A large U-shaped holder for processing the rivets of ski boots. A small U-shaped holder for the ideal processing of rivets and eyelets at leather boots or ice skating boots as well as copper rivets of ice-skate-blades. The supplied tool set includes tools to work with semi-tubular rivets, copper rivets and eyelets.

55-112-006

Spare Tool-Set N21

55-112-025

Tool 28/29 for Joint Rivets

For very large joint rivets with a diameter up to 25 mm at ski boots.

55-112-041

Rivets and Eyelets

- | | | |
|---|------------|--|
| 1 | 55-112-030 | Semi-Tubular Rivets 10 mm, 100 pcs. |
| 1 | 55-112-031 | Semi-Tubular Rivets 12 mm, 100 pcs. |
| 1 | 55-112-032 | Semi-Tubular Rivets 14 mm, 100 pcs. |
| 1 | 55-112-033 | Semi-Tubular Rivets 16 mm, 100 pcs. |
| 1 | 55-112-034 | Semi-Tubular Rivets 18 mm, 100 pcs. |
| 1 | 55-112-035 | Semi-Tubular Rivets 20 mm, 100 pcs. |
| 1 | 55-112-036 | Semi-Tubular Rivets 22 mm, 100 pcs. |
| 1 | 55-112-037 | Semi-Tubular Rivets 24 mm, 100 pcs. |
| 2 | 55-112-038 | Copper Rivets 26 mm with Washers, 100 pcs. |
| 2 | 55-112-039 | Copper Rivets 32 mm with Washers, 100 pcs. |
| 3 | 55-112-040 | Eyelets for Leather Boots, 100 pcs. |

Flexible Shaft Grinder Kit

A professional tool for boot fitting, variable speed 11.000 – 25.000 rpm, 230 V, 50 Hz, 500 W, shaft length 1,5m, with 3 m long power cord

- | | | |
|---|------------|--|
| 1 | 55-104-320 | Basic device 230 V, 50 Hz |
| 2 | 55-104-322 | Flexible shaft, L = 1,5m, with 6mm chuck |
| 3 | 55-104-324 | Shaft 6 mm, M12 |
| 4 | 55-104-326 | HSS ball grinding burr M12, ø 30 mm |
| 5 | 55-104-328 | HSS drop grinding burr M12, ø 25 x 35 mm |
| | 55-104-330 | Spare spindle shaft 4 mm, L = 1,5 m |

NEW

BD Foot Sizing Device BRANNOCK

Stable aluminium foot sizing device for determining exact length in mon-dopoint size and width in mm.

- | | |
|------------|-------------------------------------|
| 57-305-004 | up to Mondopoint 34.0 |
| 57-305-007 | junior model, up to Mondopoint 24.0 |

The WINTERSTEIGER automation family

- 2 different housing sizes – can be combined for between 2 and 8 processing modules
- Flexibly combine the modules Belt, Stone, Disc, Polishing and Finishing
- Maximum throughput rate
- Extremely small footprint

NEW: Discovery – The logical continuation of a success story!

Automatic Service Station for skis and snowboards.

In 2005, WINTERSTEIGER established a benchmark and new standards in grinding automats with the introduction of the Discovery. With more than 900 processing modules sold, the Discovery is the most successful tuning machine on the market. Development has consistently kept to these high standards.



Ceramic
Disc
Finish

Discovery
with 8 processing
modules



Ceramic
Disc
Finish

Discovery
with 5 processing
modules



Ceramic
Disc
Finish

Discovery
with 2 processing
modules

Mercury – Enter the world of high end service!

Automatic Service Station for skis and snowboards.



Ceramic
Disc
Finish

Mercury
with manual loading and
2 processing modules



Ceramic
Disc
Finish

Mercury
with automated loading unit and
3 processing modules



Basejet
Automatic Base Extruder



Race NC
Numerically Controlled
Single Stone Grinder

NEW



Ceramic
Disc
Finish

Trimjet 2 / Trimjet 2 R

Automatic Doublesided Disc Edge Grinding and
Tuning Machine for skis and snowboards



Ceramic
Disc
Finish

Trim Disc 71

Automatic Edge Grinding and Tuning
Machine for skis and snowboards



Omega B

Belt Grinder for skis and snowboards



Omega RS 150, RS 350

Stone Grinder for skis and snowboards



Trim B

Side Edge Grinder for skis and snowboards



Sigma Eco

Belt Grinder for skis and snowboards



Omega SBI, RSBI

Combined Stone and Belt Grinder for skis and snowboards



Drivetronic

Ski Binding Testing and Adjustment Machine



Speedtronic Pro

Ski Binding Testing and Adjustment Machine



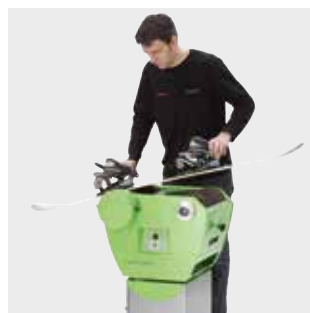
Omega S 150, S 350

Stone Grinder for skis and snowboards

Waxjet Pro

Hot Waxing Machine for Skis and Snowboards.

The Waxjet Pro from WINTERSTEIGER provides excellent waxing results featuring a short heat-up time. The new heating system provides a precise temperature control, while using up to 60 % less energy than comparable products. The optional edge deburring wheel and the easy roll exchange offers a very user-friendly service.



4

Your benefits summed up:

- Low energy consumption (-60 %*)
- Excellent wax results
- Short heat-up time
- Precise temperature control
- Operation from both sides of the machine is possible
- Easy roll exchange
- Compact design for minimum footprint
- Optional edge deburring wheel

* Savings of up to 60 % over comparable products.

Technical specifications

Dimensions (L x W x H)	610 x 590 x 480 mm (24" x 23.22" x 19")	
Working height with pedestal	910 mm (35.83")	
Noise emission	< 70 dB (A)	
Weight	90 kg with stand, 70 kg without stand	
Nominal voltage	1 AC, 208 - 240 V, 50/60 Hz	1 AC, 110 V, 60 Hz
Nominal load	1.75 kW	1.55 kW
Rated current	6,5 A	12 A
Fuse protection min./max.	10/16 A	13/15 A
Waxjet Pro - 7570-404-33	1 AC, 208 - 240 V, 50/60 Hz	
Waxjet Pro - 7570-404-43	1 AC, 110 V, 60 Hz	
Optional Stand - 7570-0111-V01		
Optional Deburring Wheel - 7570-0211-V10		

We reserve the right to make technical alterations.

Waxjet

The affordable entry-level model.



As an alternative to the scotchbrite wheels also wax brushes are available – see page 106/107.

Technical specifications

Weight	75 kg without stand
Dimensions (L x W x H)	770 x 620 x 400 mm (30.31" x 24.4" x 15.75")
Dimensions of universal stand (L x W x H)	750 x 480 x 510 mm (29.53" x 18.9" x 20")
Working height with universal stand	880 mm (34.65")
Wax wheel - 1-9-0135	Ø 155 x 350 mm
Polishing wheel - 1-9-0135	Ø 155 x 350 mm
Nominal load	3,3 kW
Nominal voltage	208 - 240 V, 50/60 Hz, 1 AC
Rated current	16 A
Fuse protection min./max.	16/20 A
Waxjet - 7568-403-33	
Optional Stand - 7925-401	

We reserve the right to make technical alterations.

Polyman

Base Repair for Skis and Snowboards.

Take control of repairing base damage yourself! With WINTERSTEIGER's Polyman you can carry out repairs to skis, carvers and snowboards in any workshop - large or small.

The easy to operate base repair unit ensures a high-quality and wear-resistant bond between the base itself and the repair material. Fast, reliable and professional first-aid for all types of base damage.



The melting head is formed in such a way that it ensures optimum bonding of repair material and base. Automatic material feed and powerful heating guarantee very even and thin application of material. Perfect distribution of material shortens the melting time and reduces the time spent for subsequent work steps such as base grinding. The temperature is controlled electronically. Start-up is prevented automatically during heat-up even though the heating time is very short. The constant cooling is highly efficient; cooling down takes place automatically when the unit is switched off. Both suitable for both right-handed and left-handed operation. The Polyman comes with a functional holder.

4

Your benefits summed up:

- High level of profitability
- Rapid heat-up time
- Precise temperature control
- Ease of handling

Technical specifications

Polyman	
Weight	2.3 kg
Dimensions (L x W x H)	300 x 80 x 320 mm
Melting width	32 mm
Polyethylene material	Ø 3 mm, 400 g
Nominal load	0.4 kW
Nominal voltage	1 AC 208 – 230 V, 50/60 Hz 1 AC 115 V, 50/60 Hz
Rated current	1.9 / 3.8 A
Fuse protection min./max.	4/16 A

* We reserve the right to make technical alterations.



Polyman

7453-402-32

MACHINE ACCESSORIES

Compressors



33-100-320



33-100-308



33-100-310



33-100-325



33-100-355



20-116-550

Compressor

	Piston Compressor Werker 350/10/50 W	Piston Compressor Superfox 240/8/30 W	Piston Compressor PL 840/10/270 D
Art.No.	33-100-320	33-100-308	33-100-310
Effective Output Volume	165 liter/min	170 liter/min	595 liter/min
Suction Volume	315 liter/min	240 liter/min	850 liter/min
Max. Operating Pressure	10 bar	8 bar	10 bar
Tank Volume	50 liter	30 liter	270 liter
Tank Position	Horizontal	Horizontal	Horizontal
Rated Power	2.2 kW / 3 hp	1.1 kW / 1.5 hp	5.5 kW / 7.5 hp
Rated Current	10	5	12
Fuse Protection	16	16	32
Voltage/Frequency	230 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz
Sound Pressure Level	77 dB	69 dB	76 dB
Rotation	2850 RPM	1400 RPM	1150 RPM
Dimensions L x B x H	930 x 380 x 720 mm	700 x 250 x 550 mm	1620 x 720 x 1290 mm
Weight	38 kg	28 kg	185 kg
Condensate Drain	Manuel	Manuel	Automated
Air drying unit	Optional	Optional	Optional

	Screw-Type Compressor MSM 5,5 DX-200	Screw-Type Compressor MSM MAXI 11 DF/270/10	Air drying unit DSX 900
Art.No.	33-100-325	33-100-355	20-116-550
Effective Output Volume	600 liter/min	1310 Liter/min.	850 liter/min
Suction Volume			
Max. Operating Pressure	10 bar	10 bar	16 bar
Tank Volume	200 liter	270 Liter	
Tank Position	Horizontal	Horizontal	
Rated Power	5.5 kW / 7.5 hp*	11 kW / 15 hp	0.28 kW / 0.38 hp
Rated Current	12	12	1.5
Fuse Protection	32	32	16
Voltage/Frequency	400 V / 50 Hz	400 V / 50 Hz	230 V / 50 Hz
Sound Pressure Level	64 dB	68 dB	
Rotation	7540 RPM	5575 RPM	
Dimensions L x B x H	1420 x 580 x 1260 mm	1540 x 620 x 1340 mm	380 x 480 x 530 mm
Weight	198 kg	255 kg	33 kg
Condensate Drain	Automated	Automated	Automated
Air drying unit	Included	Included	

	Werker 315 / 10 / 50 W	Superfox 240 / 8 / 30 W	PL 840 / 10 / 270	MSM 5,5 DX-200	MSM MAXI 11 DF/270/10
Art.No.	33-100-320	33-100-308	33-100-310	33-100-325	33-100-355
Omega RS 150/350, Sigma RS	■	■	■	■	■
Basejet	■	■	■	■	■
Trim Disc 71	■	■	■	■	■
Trimjet	■	■	■	■	■
Tunejet SB			■	■	■
Tunejet SDF			■	■	■
Discovery S			■	■	■
Discovery PS / SS / SF / PSF / SSF			■	■	■
Discovery PSSF			■	■	■
Mercury				■	■
Discovery 2 (as of 2012) without Finishing Module				■	■
Discovery 2 (as of 2012) with Finishing Module					■

■ = Optimal (recommended by WINTERSTEIGER)

Polyethylene Wire:

1 Roll 1.5 kg with Smell Lemon

New polyethylene wire with smell lemon, which contributes to a pleasant climate in workshops. Exclusively available at WINTERSTEIGER!

Basejet, Polyjet 80 / 100 / 120 / 130

55-560-150	Ø 3 mm, Clear, soft
55-560-151	Ø 3 mm Black, soft
55-560-152	Ø 3 mm Graphite, soft

1 Roll 1.5 kg Standard

Basejet, Polyjet 80 / 100 / 120 / 130

55-560-109	Ø 3 mm Graphite, soft
55-560-107	Ø 3 mm Black, soft
55-560-106	Ø 3 mm Clear, soft

2 Roll 0.4 kg

Polyman (HRP)

55-560-100	Ø 3 mm Clear, hard
55-560-104	Ø 3 mm Clear, soft
55-560-110	Ø 3 mm Black, hard
55-560-116	Ø 3 mm Black, soft
55-560-115	Ø 3 mm Graphite, hard

3 Roll 1.5 kg

Laser

56-601-035	Ø 3 mm Clear
56-601-036	Ø 3 mm Black
56-601-037	Ø 3 mm Graphite

4 Roll 0.25 kg

Miniskid 05 / 20 / 25 / 35, Handy Laser

56-601-023	Ø 3 mm Clear
56-601-021	Ø 3 mm Graphite

5 Roll 0.4 kg

Miniskid 10, Skidmax

56-601-004	Ø 3 mm Clear
56-601-002	Ø 3 mm Graphite

6 Polyethylene Wire 4 kg

For MONTANA base repair machine.

55-560-340	Ø 5 mm Clear
55-560-341	Ø 5 mm Graphite



WINTERSTEIGER – Best Belt Quality

Blue Grinding Belt:

This zirconium corundum grinding belt has a very high quality and flexible return idler, as well as synthetic abrasive grain with controlled breaking behaviour. This breaking behaviour means that the abrasive grain repeatedly produces new grinding edges on the grain. The belt has a long life-time and the grinding result is very good on the base, as well as on the edge (base and side edge). The belt needs to be slightly broken before first use. The last part of the item number corresponds to the belt grain: XX-XXX-080,-100,-120,-150,-180

Tip: Fast band speed increases the material removal.

Caution: Ensure adequate cooling.



Red Tuning Belt:

A mixed grain made up of ceramics and corundum makes this belt less aggressive than the blue grinding belt. Many tiny grain peaks provide a fine surface on the edge. A special backing film provides the tuning belt with a high tensile strength and reduced extension. The patented inlaid bonding film prevents oversize on the bonding point and results in an even grinding pattern without grinding marks. The edge is best polished and ground (tuned) in slight hanging position using a 40 Shore contact wheel. With that the grain touches only the base structure tips.

Tip: New tuning belts have to be broken more than base grinding belts. Fast belt speed and good cooling required.



Trizact™ Grinding Belt:

The pyramid shaped arrangement of the abrasive grain gives the Trizact grinding belt a longer life-time and enables an even and fibre free result (structural grind), as well as very fine edge tuning. However the material removal is less than with the red tuning belt. This belt is ideal for snowboards, which, due to their shape (concave or convex), cannot be ground on the stone perfectly. The belt needs to be broken lightly before first use.

Tip: Only slight contact pressure and good cooling required.



Scotchbrite Belt (Waxing and Deburring Belt):

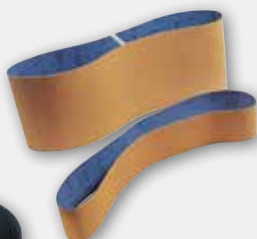
This belt is suitable for wet and dry operation and can be used for deburring, polishing and cold waxing (only dry process) in one work step. The belt has a low belt extension due to the reinforced nonwoven fibrous web and is particularly resistant to tearing and thus has an enormous lifetime. Caution: For dimensions 350 x 1300 mm and 350 x 2000 mm on machines with selfcentering idler wheel (from year of manufacture 2000), we recommend the use of a top quality belt type (with reinforced belt back).

Tip: Slow belt speed.



Moonflex Diamond Belt:

The special Moonflex grit enables an enormous lifetime of these side edge belts (more than 2000 pairs). Usage: grain 400 and 600 as tuning belt for very fine edge tuning, grain 060 and 120 as pregrinding belt for the discovery P-module.



Cork Finishing Belt:

For use after edge tuning. Fine hairs on the base are removed by using a lot of water, little pressure and low belt speed. A smooth and fibre free base is produced. This belt is mainly used for finishing and needs to be broken accordingly.

Tip: Slow belt speed.



Waxing and Polishing Belt:

These belts have a corundum or silicon carbide abrasive corn that is anchored solidly on a base made from elastic nylon fibres. This belt is mainly used for polishing after waxing.

Tip: Slow belt speed, low contact pressure.



		Side Edge Grinding Belts	Side Edge Tuning Belts	Side Edge Scotch Brite Belts	Moonflex Diamond Belts
Machine	Dimensions / mm	Art.No.	Art.No.	Art.No.	Art.No.
		Packing Unit: 20 pcs. Price per piece			Packing Unit: 4 pcs. Price per piece
Micro 60	22 x 722	56-095-080/-100			
SEG (Omega, Sigma, Micro, SNB) Trim B, Trim 40 Sigma B, Sigma Eco Microjet, Sidedge Universal 350 Combi PUN 350, 350+	20 x 1200	56-100-080/-100/-120/-220	56-150-020	56-180-120	56-101-400 56-101-600
MCR 800 / 1500 KNS	20 x 1500	56-105-080/-100/-120	56-150-030	56-180-150	
Discovery P (until 2008) Trim 100/120	40 x 1500	56-106-080/-100	56-150-040	56-180-180	
Discovery P (as of 2009)	30 x 1400	56-107-080/-100/-120			

Art.No. = Grain for Side Edge Grinding Belts and Moonflex Diamond Belts:

XX-XXX -080 = Grain 80; -100 = Grain 100; -120 = Grain 120; -220 = Grain 220; -400 = Grain 400; -600 = Grain 600



Belt Dresser Stone

For manual use.

55-240-155 50 x 20 x 150 mm

Belt Dresser Stone

Discovery P (until 2011)

55-240-154 25 x 25 x 65 mm for Side Edge Grinding Belts

Mercury, Discovery 2 (as of 2012)

55-240-153 35 x 20 x 350 mm

Tunejet SB/SBF, Discovery P, Microjet Pro

55-240-157 50 x 25 x 400 mm for Base Grinding Belts

MACHINE ACCESSORIES

Accessories for Grinding Machines



Base Grinding Belts			Tuning Belts	3M Trizact™ Grinding Belts
Machine	Dimensions / mm	Art.No.	Art.No.	Art.No.
Micro 1 / SB2, Pro	120 x 2000	56-108-080/-100/-120	56-150-120	
Micro 60, HET	150 x 1300	56-110-080/-100/-120		
Total Tools ST / B Trim 100 / 120	150 x 1500	56-115-080/-100/-120	56-150-110	
Micro 80 / 81 / 100 MCR 800 / 1500	150 x 2000	56-120-080/-100/-120/-150	56-150-150	
TOKO COMBI SUPER	150 x 2100	56-121-080		
Micro 71, SNB 60	350 x 1300	56-133-080/-100/-120	56-150-340	56-182-340
GRINDRITE ST1800	320 x 1500	55-311-080/-100		
Omega, Mercury, Discovery 2 (as of 2012)	350 x 1600	56-137-080/-100/-120	56-150-160	56-182-350
Sigma Eco, B, SBI Micro 80 / 81 / 90 / 91 / 100 SNB 80 Micro 1 / SB2 PUN 350+	350 x 2000	56-135-080/-100/-120	56-150-350	56-182-350
Tunejet SB Microjet Pro	400 x 1600	56-136-080/-100/-120 56-140-400 (Universal Grinding Belt)	56-150-400	56-182-400
Discovery PS / PSF / PSSF PUN 350 Universal 350, Combi Evolutiv 40 / 25 / 20	350 x 1935	56-560-080/-100/-120		56-182-345

Art.No. = Grain for Base Grinding Belts: XX-XXX-080 = grain 80; -100 = grain 100; -120 = grain 120; -150 = grain 150; -180 = grain 180



MACHINE ACCESSORIES

Accessories for Grinding Machines



		Scotch Brite Belts	Cork Finish Belts	Waxing and Polishing Belts
Machine	Dimensions / mm	Art.No.	Art.No.	Art.No.
Micro 1 / SB2, Pro	120 x 2000	56-180-300	56-180-590	56-180-390
Micro 60, HET	150 x 1300			
Total Tools ST/B Trim 100 / 120	150 x 1500	56-180-290		56-180-395
Micro 80 / 81 / 100 MCR 800 / 1500	150 x 2000	56-180-310	56-181-150	56-180-400
TOKO COMBI SUPER	150 x 2100			
Micro 71, SNB 60	350 x 1300	56-180-315 (Standard quality) 56-180-330 (Top quality) *	56-181-340	56-180-401
GRINDRITE ST1800	320 x 1500		56-181-320	
Omega		56-180-365	56-181-360	56-180-460
Sigma Eco, B, SBI Micro 80 / 81 / 90 / 91 / 100 SNB 80 Micro 1 / SB2 PUN 350+	350 x 2000	56-180-320 (Standard quality) 56-180-335 (Top quality) *	56-181-350	56-180-402

* for machines with self centering idler wheel



High Quality Grinding Stones by Wintersteiger

During grinding stone manufacturing the components (the abrasive grain, the binder and the adhesive) are pressed at a very high pressure (> 100 tons) to form a homogeneous grinding stone, before they are fired for a week at a temperature of over 1000°C.

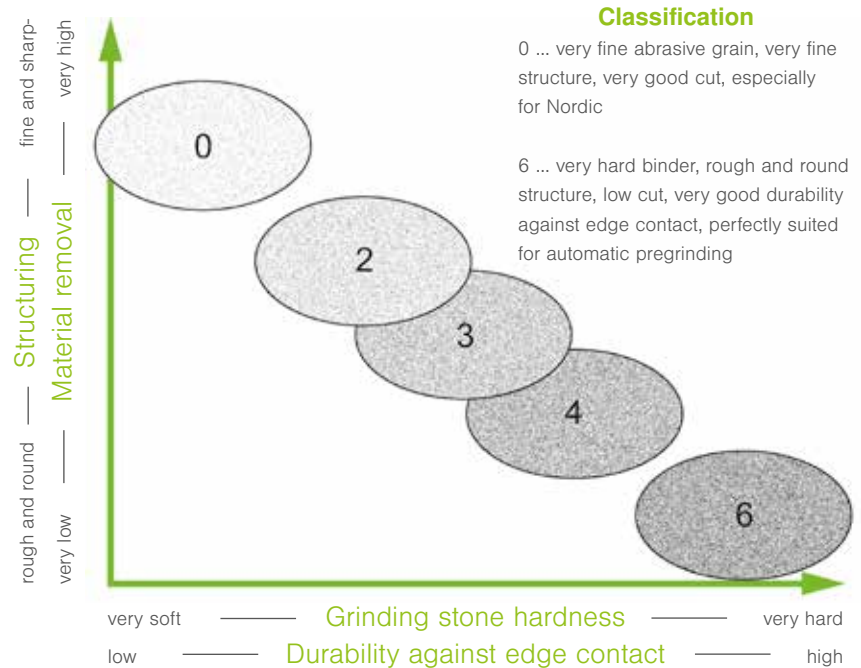
The components and the mixing ratio defines the specifications of the grinding stone and thus its characteristics:

Fine grain

- easily formable = precise structure
- many abrasive grains deployed at the same time
- softer binder = more aggressive grinding stone

Rough grain

- less easily formable = less structuring ability
- less abrasive grains carry out the grinding work
- a harder binder is required = less aggressive stone



Grinding stones are best classified by reference to their hardness. The hardness of a grinding stone also reflects its major characteristics such as its cutting ability or durability against edge contact.

Machines	Art.No.	Color	Classification	Evaluation
Omega SBI/350 Discovery 2 (as of 2012) Mercury	8570-0221-V04	blue	4	Very good structuring, good material removal, however, also good durability against edge contact and low break out tendency, structure rounded and less deep compared with e.g. 8570-0221-V02; suitable for pregrinding, but also for structuring
	8570-0221-V02	brown	3	Good structuring, good material removal, very low tendency to grain break out, medium hardness, and medium durability against edge contact (known as the „Shuttle Stone“); mainly suited for pregrinding, however, also for structuring
	8570-0221-V05	pink	2	In comparison to 8570-0221-V04, slightly finer and sharper structuring, however, slightly less material removal, very low tendency to grain break out; mainly suited for structuring
	8570-0221-V09	white yellow	3	Despite of a more porous appearance of the surface, this new specification (with more hollow space) allows an even finer and smoother structuring compared to 8570-0221-V05; very good durability against edge contact and very low tendency of grain break outs; because of more hollow space this grinding stone is somewhat diamond-friendly; preferably used for structuring, but is also suitable for pregrinding
Omega 150 Micro 80/81/100	7600-0221-V01	pink	2	Lange bewährter Schleifstein für sehr gute und scharf geschnittene Strukturen, sehr guter Abtrag, Gefahr des Kanteneinlaufes (speziell bei vorstehenden Kanten); zu empfehlen nur auf manuellen Maschinen
	7600-0221-V02	white	5	Sehr harter Schleifstein mit weniger Abtrag, für mittlere Strukturqualität; ideal für den Einsatz im Vorschleiff zu empfehlen; lange Standzeiten und Lebensdauer
Omega RS 150	8100-0221-V05	pink	2	Approved grinding stone wheel for very good, sharply cut structures and good material removal. Offers wide range of applications, but a lower durability against edge contacts. Compared to the other grinding stones for Race NC, this type has a coarser grain and is less applicable for very fine structures
	8100-0221-V06	grey brown	0	Medium hardness with very fine grain; optimal suitable for very fine structures (finer than -V74), low resistance against steel edges; this specification has proven itself for many years
	8100-0221-V74	blue	3	Medium hardness for sharp and fine structures
	8100-0221-V84	white	6	Hard quality for finest structures, rather low material removal; high resistance against steel edges
	8100-0221-V85	turquoise	4	Silicium-Carbide (SIKA)-Stone for very fine and deep structures at XC- and jump skis

Machines	Art.No.	Color	Classifi- cation	Evaluation
Discovery (until 2012) Sigma 350 Sigma SBI Mirco 90/91	7689-0221-V01	pink	2	Tried and trusted grinding stone for very good, and sharply cut structures, very good cut, low durability against edge contact (especially for protruding edges) only recommended for manual machines
	7689-0221-V02	brown	3	Good structuring, good material removal, very low tendency of grain break out, medium hardness, and medium durability against edge contact (known as the "Shuttle Stone"); mainly suited for pregrinding, however, also for structuring
	7689-0221-V04	blue	4	Very good structuring, good material removal, however, also good durability against edge contact and low break out tendency, structure rounded and less deep compared with e.g. 7689-0221-V02; suitable for pregrinding, but also for structuring
	7689-0221-V05	pink	2	In comparison to 7689-0221-V04, slightly finer and sharper structuring, however, slightly less material removal, very low tendency of grain break out; mainly suited for structuring
Micro NC	8031-0211-V06	grey- brown	0	This grinding stone has a very fine grain; this means that very fine structures are possible (the diamond must match; for example use a 56-200-162 diamond). This results in a clean cut with medium material removal, low edge contact stability; thus perfect for use with cross-country and ski-jumping skis
	8031-0211-V05	pink	2	Tried and trusted grinding stone for very good, and sharply cut structures, wide range of applications; universal properties; very good material removal, tends towards low edge contact stability (especially for protruding edges), recommended for Alpine and cross-country skis
Tunejet Microjet	8700-0221-V11	red orange	2	Good structure, good material removal, combined with very good durability against edge contact (better than V14), structure slightly rounder and not so deep, universal use
	8700-0221-V14	blue	4	Tried and trusted grinding stone for very good, and sharply cut structures, very good material removal (higher than with V11 or V13, low durability against edge contact (especially with protruding edges); only recommended with oscillator
Shuttle 3C Sigma 200	8500-0221-V01	brown	3	Good structure, good material removal, very low tendency of grain break out, medium hardness and medium durability against edge contact (typically used on the Shuttle)
	8060-0221-V01	blue	4	Very good structure, medium material removal, however good durability against edge contact, structure slightly rounder and not as deep as with 8060-0221-V01, typically used with the Sigma; suitable for pregrinding and structuring
	8060-0221-V02	grey- brown	0	This grinding stone has a very fine grain; this means that very fine structures are possible (the diamond dressing tool must match, preferably with 56-200-162). This results in a clean cut with medium material removal, low durability against edge contact, thus perfect for use with Sigma for cross country and jumping skis and only for structuring
Micro 71	8028-0221-V01	pink	2	Tried and trusted grinding stone for very good, and sharply cut structures, very good material removal, risk of low durability against edge contact in case of protruding edges
	8028-0221-V02	brown	3	Good structuring, good material removal, low break out, medium hardness, and medium durability against edge contact; mainly suited for pregrinding, however, also for structuring; universal use
Micro 1 / SB2	7600-0221-V1	pink	2	Tried and trusted grinding stone for very good, and sharply cut structures, very good cut, low durability against edge contact (especially for protruding edges), only recommended for manual machines
MCR 800/1500	7230-0221-V4	pink	2	Tried and trusted grinding stone for very good, and sharply cut structures, very good cut, low durability against edge contact (especially for protruding edges) only recommended for manual machines

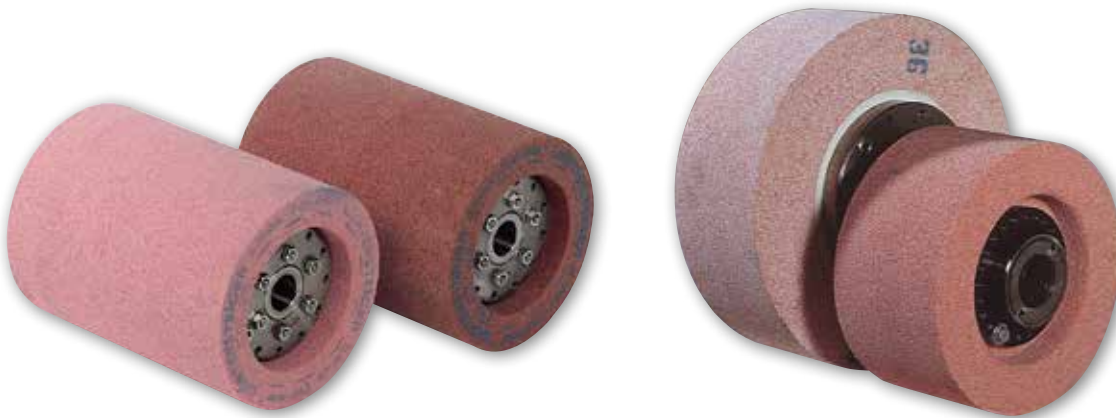
MACHINE ACCESSORIES

Accessories for Grinding Machines



Grinding Stones			Top Quality Soft	Top Quality Medium
Machine	Diameter	Width	Art.No.	Art.No.
Discovery 2 (as of 2012), Mercury, Omega SBI/350	300 mm	350 mm	8570-0221-V5, pink for fine structures	8570-0221-V09 white yellow for fine and smooth structures 8570-0221-V02, brown
Omega 150, Micro 80 / 81 / 100	350 mm	150 mm	7600-0221-V01, pink	
Omega RS 150	350 mm	150 mm	8100-0221-V06, grey brown 8100-0221-V85, turquoise	8100-0221-V05, pink 8100-0221-V74, blue
Discovery (until 2012)	300 mm	350 mm	7689-0221-V05, pink for fine structures	7689-0221-V02, brown
Sigma RS 350, SBI, S 350, Micro 90 / 91	300 mm	350 mm	7689-0221-V05, pink for fine structures 7689-0221-V01, pink for accurate and precise structures	7689-0221-V02, brown
Sigma S 200 / RS 200	300 mm	200 mm	8060-0221-V02, grey brown, very soft, suitable only for fine structures at cross country skis and jump skis	8500-0221-V01, brown
Micro NC	350 mm	150 mm	8031-0211-V05, pink 8031-0211-V06, grey brown; very soft, suitable only for fine structures at cross country skis and jump skis	
Tunejet, Microjet	300 mm	400 mm	8700-0221-V11, orange red for very fine structures	
Shuttle 3C, Shuttle 200	300 mm	350 mm		8500-0221-V01, brown
Micro 71	250 mm	330 mm	8028-0221-V01, pink	8028-0221-V02, brown
Micro 1 / SB2, PRO, Center*	350 mm	120 mm	7600-02211-V1, pink	
MCR 800 / 1500	350 mm	120 mm	7230-02211-V4, pink	
SKID Evolutiv 20 / 25	350 mm	135 mm (as of 1997)		EV25150

* with modification kit for a 150 mm wide stone please use the stone 7600-0221-V01



Top Quality Hard		Top Quality Very Hard	
Art.No.	Art.No.		Art.No. for returned flange
8570-0221-V04, blue for rounded structures			8570-98
	7600-0221-V02, white		7600-98
8100-0221-V84, white			8100-98
7689-0221-V04, blue for rounded structures			7689-98
7689-0221-V04, blue for rounded structures			7689-98
8060-0221-V01, blue			8500-98
			8031-98
8700-0221-V14, blue for rounded structures			8700-98
8060-0221-V01, blue			8500-98
			8028-98
			7600-98
			7230-98
			EV25-98

Look at page 66/67 for a more detailed description of those grinding stones.

Diamond Technology

The dressing diamond is used to cut the desired structure into the grinding stone.
The smaller the diamond inserts, the smoother it is on the stone.

Rhomboid Diamond 56-200-161-9:

This rhomboid diamond is a synthetic diamond with five full-length needles (no „needle grain“), length about 9mm each. The square needles are set edgewise, therefore the name „rhomboid“. Because of the smaller needle diameter, this diamond bit enables accurate and regular structuring. The diamond is 56-200-161-9 is recommended by WINTERSTEIGER as standard diamond for manual machines.

Advantage: Very exact and absolutely uniform structural cutting.

Attention: Don't dress dry with synthetic diamonds. Risk of glowing out!

Square Diamond 56-200-169:

This diamond is a synthetic diamond with five straight aligned full-length needles. Because of this needle position the life time is higher compared to the diamond bits with rhomboid needle position. We recommend increasing the dressing speed by approx. 15 % compared to 56-200-161-9 diamond. WINTERSTEIGER additionally recommends a speed of approx. 550 rpm for return grindingmode (at automats). The diamond is 56-200-169 is recommended by WINTERSTEIGER as standard diamond for automated machines.

Advantage: Improved lifetime and very good structural cutting property.

Attention: Don't dress dry with synthetic diamonds. Risk of glowing out!

Square Diamond 56-200-169-P:

Due to the slower production speed of those synthetic diamond needles, the needles are harder compared to the similar diamond bit 56-200-169. This improved hardness of the needles in conjunction with a harder (sintered) carrier material ensures about 20% higher lifetime and more uniform structures on wide grinding stones. The P-diamond is recommended by Wintersteiger for grinding stones $\geq 350\text{mm}$ when hard grinding stones are used or if mainly deep structures are grinded.

Advantage: Maximum service life time and excellent structuring on wide grinding stones.

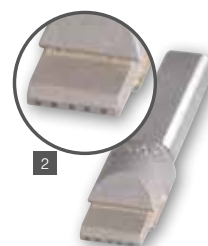
Caution: The-P-diamond needs more time to adjust to the stone shape upon installation compared to the standard diamond. Don't dress dry with synthetic diamonds. Risk of glowing out!

To get the perfect diamond set up for your needs, feel free to contact our experts from WINTERSTEIGER customer service.

Synthetic Diamonds

Art.No.	56-200-161-9 ¹	56-200-169 ²	56-200-169-P ²
Positioning of the diamond needles	rhomboid	square	square
Qty. of Needles x Needle Dimension	5 x 0.5 x 0.5 mm	5 x 0.6 x 0.6 mm	5 x 0,6 x 0.6 mm Premium
Discovery	■	■	■
Mercury	■	■	■
Tunejet, Microjet	■	■	■
Shuttle 200/3C	■	■	■
Race NC	■	■	■
Micro NC	■	■	■
Omega S , SBI / Sigma S, SBI	■	■	■
Omega RS, Sigma RS	■	■	■
MCR 800/1500	■	□	□
Micro 1/SB2	■	□	□
Micro 60/80/81/100	■	□	□
Micro 71/90/91	■	□	□

With 9 mm long needles and
30 % higher lifetime!



Rhomboid diamond 56-200-159:

This diamond is a synthetic diamond with five full-length needles. Compared to the diamond 56-200-161, the needle diameter is 0.1 mm larger. This improves the lifetime while achieving good structuring. We recommend increasing the dressing speed by approx. 10% compared with the 56-200-161-9 diamond. The structure of this diamond is slightly more stable as with the square diamond 56-200-169.

Advantage: Improved lifetime and very good structural cutting property.

Attention: Don't dress dry with synthetic diamonds. Risk of glowing out!

Square Diamond 56-200-168:

This diamond is a synthetic diamond with five full-length needles. Compared to the diamond 56-200-161-9 the needles are aligned in a straight line and the needle diameter is 0.2 mm larger. This enables good pre-grinding characteristics and a high lifetime. We recommend increasing the dressing speed by approx. 35 % compared with the 56-200-161-9 diamond. Because of the larger needles the structures are slightly larger than with the diamond 56-200-161-9.

Advantage: Smooth structures, good material removal and long lifetime.

Attention: Don't dress dry with synthetic diamonds. Risk of glowing out!

Square diamond 56-200-163:

This diamond with 3 needles is mainly used for special structures.

Because of the larger, square-shaped and straight aligned needles very broad structures with large contact area and less structure grooves can be created (by using higher dressing speeds at lower rotation speeds).

Advantage: provides the highest lifetime of all diamonds.

Attention: Don't dress dry with synthetic diamonds. Risk of glowing out!

Rhomboid diamond 56-200-162:

This diamond with 3 needles is mainly used to grind cross-country skis, where very fine and exact structures are needed. This synthetic diamond has edgewise set needles as well as a low contact length.

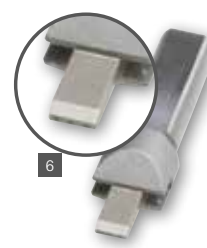
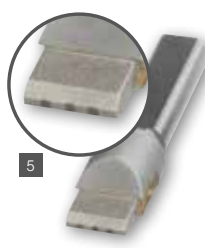
Advantage: Finest structures for cross country skiing.

Attention: Don't dress dry with synthetic diamonds. Risk of glowing out!

More special diamonds are available on request.

56-200-159 3	56-200-168 4	56-200-163 5	56-200-162 6	
rhomboid	square	square	rhomboid	
5 x 0.6 x 0.6 mm	5 x 0.7 x 0.7 mm	3 x 1.0 x 1.0 mm	3 x 0.4 x 0.4 mm	
			Alpine	Nordic
■	■	□		
■	■	□		
■	□	□		
■	□		□	■
■			□	■
■			□	■
■	□	□	□ only for width 150/200 mm	■ only for width 150/200 mm
■	□		□ only for width 150/200 mm	■ only for width 150/200 mm
□	□		□	■
□	□		□	■
□	□		□	■
□	□		□	■

■ = very good, □ = standard



MACHINE ACCESSORIES

Accessories for Grinding Machines

Mercury

Enter the world of high end service.

With Mercury, WINTERSTEIGER gives you access to the highest end of service performance. Whether Race Carver, All Mountain or Rocker – Mercury's automated service procedure allows you to tune up to 30 pairs of skis to perfection every hour.

Mercury's flexible design can fully meet your needs. Customize your machine by choosing from a wide range of options.



Your benefits summed up:

Precisely tailored to your needs

- 2 loading alternatives: Manual (M) or by loading unit (L)
- 1 housing for 2 or 3 processing modules
- Flexible combination of the modules Belt, Stone, Disc, Polishing or Finishing
- Extremely small footprint

Perfect service for more turnover

- Precise and reproducible base structure
- Sharpest edges for increased durability
- Perfectly polished base edge at tip and tail
- Glossy finish thanks to waxing and polishing

Discovery

The logical continuation of a success story.

In 2005, WINTERSTEIGER established a benchmark and new standards in grinding machines with the introduction of the Discovery. Offering among other things, tuning of skis and snowboards without bridges and suction cups, maximum throughput capacities thanks to ski magazines for 16 skis, and much more. With more than 1000 processing modules sold, the Discovery is the most successful tuning machine on the market.



Your benefits summed up:

Precisely tailored to your needs

- 2 different housing sizes – can be combined for between 2 and 8 processing modules
- Flexibly combine the modules Belt, Stone, Disc, Polishing and Finishing
- Maximum throughput rate
- Extremely efficient use of space

Perfect service for more turnover

- Precise and reproducible base structure
- Sharpest edges for increased durability
- Perfectly polished base edge at tip and tail
- Glossy finish thanks to waxing and polishing

Precisely tailored to your needs.

Mercury's and Discovery's flexible design can fully meet your needs.
Customize your machine by choosing from a wide range of accessory products.



Belt Module

Base Grinding Belt

Art.No.	Dimension
56-137-080/-100/-120 1	350 x 1600 mm

Art.No. = Grain for Grinding Belts
xx-xxx-080 = grain 80, xx-xxx-100 = grain 100, xx-xxx-120 = grain 120

Belt Dressing Stone

Art.No.	Dimension
55-240-153	35 x 20 x 350 mm

Stone module

Grinding Stones

Art.No.	Diameter	Width	Colour	Description
8570-0221-V04	300 mm	350 mm	Blue	For rounded structures. *
8570-0221-V02	300 mm	350 mm	Brown	Slightly softer than -V04, suits best for pregrinding *
8570-0221-V09 2	300 mm	350 mm	white yellow	For fine and smooth structures*
8570-0221-V05	300 mm	350 mm	pink	For fine structures, slightly softer and less material removal compared to -V04*

* A detailed description of those grinding stones you find at page 66.

Dressing Diamonds

Art.No.	Qty. of Needles x Needle Dimension	Positioning of Needles	Description
56-200-161-9	5 x 0.5 x 0.5 mm	rhomboid 	The most common diamond for alpine skis to get precise and uniform structures. New: with 9 mm long needles for extremely high life time.
56-200-168	5 x 0.7 x 0.7 mm	square 	Compared to the 56-200-161-9 diamond, the needles are arranged in a square position and the needle diameter is 0.2 mm larger. This improves the lifetime while achieving a good pre-grinding characteristic.
56-200-169	5 x 0.6 x 0.6 mm	square 	The grinding result with this diamond is similar to the type 56-20-161-9. Because of the square arrangement of the needles the structures are a little bit smoother.
56-200-169-P	5 x 0.6 x 0.6 mm	square 	Recommended for grinding stones with a width >= 350mm when hard grinding stones are used or if mainly deep structures are grinded.
56-200-163	3 x 1.0 x 1.0 mm	square 	Due to its wider needles arranged in square position, it achieves very wide structures with a larger distance between the structure rows at higher dressing speeds and lower stone rpm's while dressing. Offers the longest life time of any diamond bit.

MACHINE ACCESSORIES

Accessories for Grinding Machines

Disc module

Ceramic Discs 1

Art.No.	Dimension	Hardness	Description
56-220-054	Ø 154mm, B = 40 mm	Medium	New disc with very good cut, enables a fine and clean edge.
56-220-048	Ø 154mm, B = 40 mm	Soft	Universal quality for a good cut.
56-220-052	Ø 154mm, B = 40 mm	Medium	Disc with medium hardness for a high life time and medium cut.
56-220-053	Ø 154mm, B = 40 mm	Hard	Hard disc for very smooth surface.

Polishing module

Polishing Discs

To polish the tipp and tail areas for a optically perfect base edge.

Art.No.	Dimension	Hardness
56-200-504 2	Ø 250mm, B = 50 mm, 1 pair	Soft
56-200-505	Ø 250mm, B = 50 mm, 1 pair	Hard

Dressing Diamond

For dressing the polishing discs. Single packed; 2 pcs. needed per polishing module.

Art.No.	Dimension	Positioning of the Needles
56-200-152 3	rectangular	Multigrain

Finish Module

Waxing and Polishing Wheels

Art.No.	Dimension	Description
55-642-050 4	Ø 100 mm x 350 mm	Waxing Wheel
55-642-055 5	Ø 100 mm x 350 mm	Polishing Wheel
55-642-060 6	Ø 100 mm x 350 mm	Scotchbrite Texturing Wheel
55-642-065 7	Ø 100 mm x 350 mm	Nylon Texturing Wheel

Wax Blocs

Art.No.	Description
55-640-117	W = 340 mm, Universal for all temperatures
55-640-118	W = 340 mm, Warm, 0° to -8° C
55-640-119	W = 340 mm, Cold, -8° to -20° C



Grinding Cooler

At the automated service Stations Mercury and Discovery this powerful cooling device ensures a constant temperature of the grinding water down to 15°C. The constant water temperature allows to achieve absolutely consistent grinding results.

Detailed info and price on request

Race NC

You can make the race!

Race Service Stone Grinding Machine for Alpine, Cross-Country and Jump Skis.

The Race NC proves once again WINTERSTEIGER's commitment to market and technology leadership in the field of race service. It offers a full set of features for both alpine and nordic skiing.

Thanks to superior technology, easy handling and a compact size, the Race NC is establishing itself as a must-have for national skiing associations, manufacturers, and professional race grinding specialists.

After all, the innovative ongoing improvements are a result of close cooperation between WINTERSTEIGER and a number of national skiing associations and ski manufacturers' racing departments.



- Automatic grinding pressure control for high precision and precisely reproducible racing structures
- Perfect structuring of alpine, cross-country and jump skis
- Continuous and dynamic balancing of the grinding stone directly on the machine
- Constant grinding stone height thanks to an automatic lasercontrolled adjustment
- Intuitive user controls with a color display and touch screen technology
- Easily transportable, and simple set-up allows for worldwide deployment

Unbeatable variety of structures.



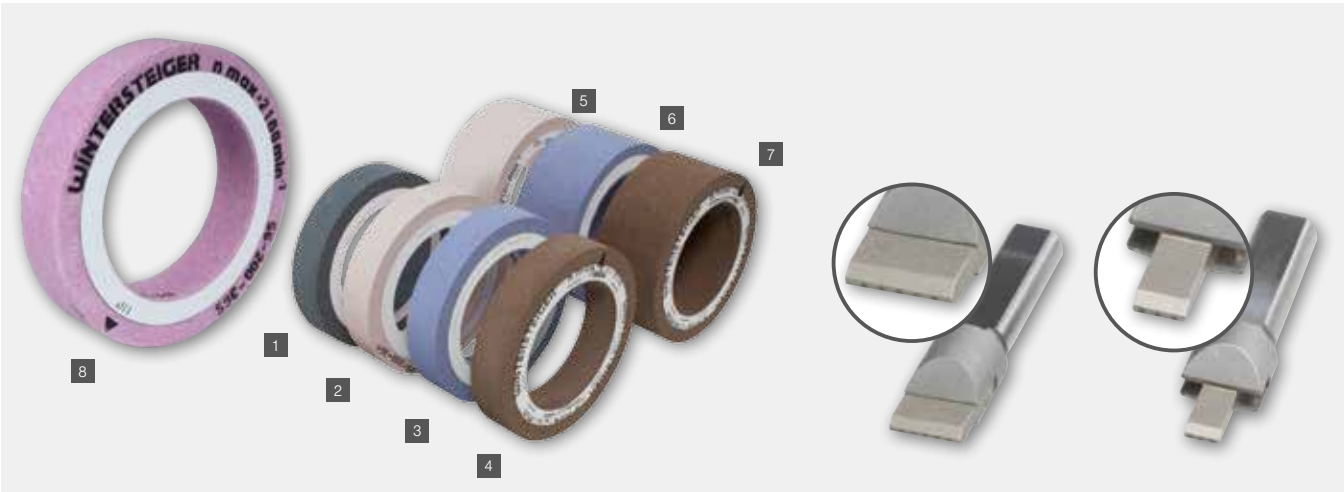
Accessories for Race NC

The full range of accessories for the Numerically Controlled Single Stone Grinder Race NC.

WINTERSTEIGER offers a comprehensive range of specialized accessories to help you customize your Race NC. This includes various grinding stones and diamonds for different racing applications as well as an optional cooling unit for the grinding water. The grinding stones come without flange as the stones can be balanced dynamically directly at the machine. This brings WINTERSTEIGER another giant step towards ultimate precision. Good news for everyone moving up from the Micro NC: You can continue to use your diamonds and grinding stones (after changing the flange) on the Race NC.

Grinding Stones

Art.No.	Diameter	Width	Colour	Description
Cross Country				
56-200-361 3	350 mm	70 mm	blue	Universal Quality, medium hardness for precise and fine structures
56-200-362 1	350 mm	70 mm	turquoise	Silicium- Carbide (SIKA)-Stone for very fine and deep structures
56-200-363 4	350 mm	70 mm	grey brown	Medium hard quality with very fine grain; for very fine structures (finer than with -361), optimal suitable for cross country skis; this specification has proven itself for many years with the previous machine Micro NC
56-200-364 2	350 mm	70 mm	white	Hard quality for finest but not deep structures, rather low material removal (low porosity)
56-200-365 8	350 mm	70 mm	pink	Approved grinding stone wheel for very good, sharply cut structures and large surface roughness. Offers wide range of applications. Compared to the other grinding stones for race NC, this type has a coarser grain and is less applicable for very fine structures.
Alpine				
56-200-371 6	350 mm	150 mm	blue	Medium hardness for sharp and fine structures
56-200-372	350 mm	150 mm	turquoise	Silicium-Carbide (SIKA)-Stone for very fine and deep structures at XC- and jump skis
56-200-373 7	350 mm	150 mm	grey brown	Medium hardness with very fine grain; optimal suitable for very fine structures (finer than -371), low resistance against steel edges; this specification has proven itself for many years with the previous machine Micro NC
56-200-374 5	350 mm	150 mm	white	Hard quality for finest structures, rather low material removal; high resistance against steel edges
56-200-375	350 mm	150 mm	pink	Approved grinding stone wheel for very good, sharply cut structures and good material removal. Offers wide range of applications, but a lower durability against edge contacts. Compared to the other grinding stones for Race NC, this type has a coarser grain and is less applicable for very fine structures.



Accessories for Race NC / Omega RS / Sigma RS

Individual dressing diamonds for higher performance.

The structure pattern depends on the needle diameter and the number of needles as well as the needle position. The finer the needles, the finer the structure; the larger the needles, the coarser the structure. A rhomboid needle position will create sharper and more aggressive structures, whereas a square needle position tends to create smoother structures with a larger distance between the structure rows (=larger contact area). The reason for this is the different degrees of diamond wear when dressing the grinding stone.

Dressing Diamonds

Art.No.	Qty. of Needles x Needle Dimension	Positioning of the Needles	Description
Cross Country			
56-200-162	3 x 0.4 x 0.4 mm	rhomboid 	The most common used diamond for racing service, for universal use with fine and exact structures for cross country skis.
56-200-095	6 x 0.3 x 0.3 mm	square 	With 6 extra fine needles, this diamond creates very fine structures, finer than the diamond 56-200-162. Despite the fine needles, this diamond has a similar life time like the diamond 56-200-162 due to the double quantity of needles.
56-200-090	1 x 0.4 x 2.0 mm	rectangular 	With one rectangular needle, this diamond cuts precise structures with a bigger distance between the structure rows than the diamond 56-200-162. Offers high life time and a very uniform structure width.
Alpine			
56-200-161-9	5 x 0.5 x 0.5 mm	rhomboid 	The most common diamond for alpine skis to get precise and uniform structures. NEW: with 9 mm long needles for extremely high life time.
56-200-177	6 x 0.4 x 0.4 mm	rhomboid 	With 6 fine needles, this diamond creates finer and more accurate structures compared to the diamond 56-200-161-9.
56-200-094	6 x 0.4 x 0.4 mm	square 	Creates fine structures for cold conditions. Because of the square needle arrangement, this diamond cuts a smoother structure than with the diamond 56-200-177.
56-200-169	5 x 0.6 x 0.6 mm	square 	The grinding result with this diamond is similar to the type 56-200-161-9. Because of the square arrangement of the needles the structures are a little bit smoother.

 = for smoother structures with a bigger distance between the structure rows  = for sharper and more aggressive structures



Grinding Cooler

At the machines Race NC, Omega RS and Sigma RS this powerful cooling device ensures a constant temperature of the grinding water. The constant water temperature allows to achieve absolutely consistent grinding results.

Detailed info and price on request



With the Ceramic Discs 56-220-046, 56-220-048, 56-220-052, 56-220-053, 56-220-054, 56-220-060, 56-220-091 and 56-220-092 WINTERSTEIGER offers very fine balanced discs (each single disc is electronically balanced). These discs prevent vibrations and secure a high quality tune.



WINTERSTEIGER special: The Ceramic Disc Finish.

Disc technology has caught on. 90 % of all skis in ski production are tuned using disc technology. WINTERSTEIGER works constantly on further development of this tried and tested technology in the servicing sector.

Advantages for the sports retailer:

- Precise edge geometry
- Precise edge angles along the whole length of the ski or board
- Fine, smooth edge surface
- Always sharp grinding discs

Advantages for the rental shop:

- Frequent grinding possible thanks to low abrasion
- Long lifespan of rental skis
- No need to change belts
- Long lifespan of disc

Advantages for the end user:

- Improved turning qualities = more fun and faster learning results
- Better grip on hard slopes = increased safety
- Edges remain sharper for a longer period of time
- Easier turning on the edge = Carving

The following machines are equipped with

Ceramic Disc Finish:

Tunejet, Discovery, Shuttle, Trimjet, Microjet Disc, Trim Disc 91, Trim Disc 71, Trim NC

Ceramic Discs

Without flange.

Discovery, Mercury

Balanced; medium hardness for a high life time and medium cut; creates more grinding noise than 56-220-048.
56-220-052 Ø 154 mm, W = 40 mm, pair

Discovery, Mercury

Balanced; hard quality for a very high life time; lower cut than -048 and -052, but very smooth surface.
56-220-053 Ø 154 mm, W = 40 mm, pair

Discovery

Balanced; especially suitable for children skis and short women skis with low ski brakes. Medium hardness for medium cut; requires a slightly higher contact pressure than -048.
56-220-046 Ø 150 mm, W = 40 mm, pair

Trimjet, Trim Disc 81/91, Shuttle 200/3C

Balanced; universal quality for for very good cut, clean and fine grinding; shorter life time than -052.
56-220-048 Ø 154 mm, W = 40 mm, pair

Trim Disc 71

Balanced; robust, but soft disc with very good cut.
56-220-060 Ø 154 mm, W = 40 mm, 1 piece

Discovery 2 (as of 2012), Mercury

Balanced; medium hardness for very good cut as well as clean and fine grinding.
56-220-054 Ø 154 mm, W = 40 mm, pair



Ceramic Discs

Without flange.

Tunejet

Balanced: soft disc for very good cut; life time lower compared to the disc -092.

56-220-091 Ø 185 mm, W = 42 mm, pair

Balanced; medium quality for a very fine grind; slightly lower cut than -091.

56-220-092 Ø 185 mm, W = 42 mm, pair

Microjet Disc

Universal disc with medium cut and clean, fine grind; medium life time.

56-220-070 Ø 175 mm, W = 40 mm

Mounting Screws

For ceramic discs with disc-machines.

Shuttle, Trim 71, Trim 91

02-195-230 Screw M5 x 30 (6 pcs. per machine)

Mercury, Discovery, Tunejet, Microjet, Trimjet

02-195-225 Screw M5 x 25 (6 pcs. per machine)



Trimjet 2 (as of 2015)

Multigrain Dressing Diamond

Doublesided diamond bit to clean the ceramic discs at Trimjet 2 with central support. 2 pcs. needed per machine.

56-200-146 ø 15 mm

NEW



ERGO RAZOR Sidewall Planer

To remove sidewall material.

The ERGO RAZOR Sidewall Planer is essential for preparation of side edge filing. It is common for a file to be compromised by cutting into the sidewall of a ski. It is very important to remove the sidewall material to avoid loading files with plastic and to keep the sidewall from interfering with the bevel on the edge. The razor has an ergonomic design that fits into the palm of the hand. It is adjustable and can be used with both the right and left hands. It comes with a round cutting blade.

57-401-100

Razor Replacement Blades

55-500-089 Round Blade

55-500-088 Square Blade

NEW



Binding bridge Carbon universal, super light

Extremely light binding bridge with 900 g weight to use without dummy sole. Suitable for alpine and telemark skis with a minimum length of approx. 145 cm.

56-190-200 L = 1380 mm

Spare Central Support

For carbon binding bridge art.no. 56-190-200, comes with contact adhesive and mounting instruction.

56-190-260



Universal Binding Bridge, lightweight

ALU binding bridge to use without dummy sole at manual machines. Suitable for alpine and telemark skis with a minimum length of approx. 130 cm.

7220-0111-V01 L = 1140 mm

Spare Adaptor

For universal binding bridge Alu (7220-0111-V01).

56-190-130 W = 80 mm, closed
 56-190-125 W = 80 mm, with rounded groove for ski with uneven top sheets
 56-190-135 W = 120 mm, closed for wide skis

Spare Non-Slip Tape

For universal binding bridge ALU (7220-0111-V01).

56-126-218 L = 1070 mm



Binding Bridge with hinge

For alpine skis with a minimum length of approx. 150 cm.

7217-4111-V01

Spare Hinge

Adjustable height, for binding bridge with hinge (7217-4111-V01).

64-140-437 L = 120 mm



Spare Adaptor

For binding bridge with hinge (7217-4111-V01).

56-190-110

Spare Non-Slip Tape

For binding bridge with hinge (7217-4111-V01).

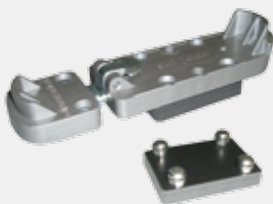
56-126-210 L = 1070 mm



Bridge Adaptors

For Salomon-Pilot, Pro Link, Head-Cyber, etc.
(for binding bridge with hinge 7217-4111-V01).

7217-0111-V05 Pair



Adaptor MARKER Duke, Baron, Chester, Griffon

In combination with the binding bridge for extreme carvers
(7219-4011-V02) this adaptor can be mounted under the dummy sole and
reduces the angle as well as the height of the heel area of the binding.

7219-0211-V01



Binding Bridge for extreme carvers

For extreme carvers with a minimum length of approx.

7219-4011-V02 120 cm

Spare Non-Slip Tape

For binding bridge for extreme carvers (7219-5011-V02).

56-126-217 L = 943 mm

Spare Hinge

Adjustable height, for binding bridge for extreme carvers (7219-5011-V02).

7219-4012-001 L = 100 mm



Dummy Soles

For Boot Sole length 240 - 360 mm.

7219-42111-V1 Pair



Dummy Sole for Touring Bindings

Also suitable to Dynafit touring bindings.

7219-42111-V2 Pair

NEW



Adaptor for Rotary Plate Bindings

To mount on the dummy soles and to use only in combination with the binding bridge for extreme carvers (7219-5011-V02), 1 pc.

7219-0211-001 Each

NEW

Carbon Binding Bridge for child skis

Lightweighted carbon bridge (510 g) for child skis with a minimum length of approx. 110 cm.

56-190-220 L = 890 mm

Binding Bridge for child skis

For child skis with a minimum length of approx. 90 cm, vertically adjustable.

7228-0111-V12

Dummy Soles

For boot sole length 200 - 290 mm.

7228-02111-V1 Pair

Spare Non-Slip Tape for Binding Bridge

For child-skis 7228-0111-V12, as of 2005.

56-126-216 L = 922 mm



NEW



Nordic Carbon Binding Bridge

Extremely lightweighted carbon binding bridge with only 350 g weight; with fixed metal bail to attach to binding.

56-190-240 L = 1045 mm



Binding Bridge for cross-country skis

To fix on the binding.

7226-07

Spare Non-Slip Tape

56-126-219 L = 716 mm, for binding bridge 7226-07
56-126-214 L = 864 mm, for binding bridge 7226-05 (until 2010)



Dummy Sole-Workbench

For 1 pair of skis, to mount and dismount the dummy soles, with a basket for the storage of the dummy soles.

8501-4211-V01



Bridge Stand

7340-401 1680 x 680 x 350 mm

Moveable Rack

For Bridge Stand (7340-01) with free rolling wheels.

7340-4111-V01



Panel Key

- 1** 70-150-110 square, used for aggregate housings (except Omega)
- 3** 43-195-352 suitable for panels at Omega

Panel Key T-End

For opening of electro-panels at grinding machines.

- 2** 70-150-100



Long Brake Retainers

- | | |
|------------|-----------------------------|
| 56-400-114 | natural coloured, 100 pairs |
| 56-400-118 | blue, 100 pairs |



Short Brake Retainers

Green coloured.

- | | |
|------------|-----------|
| 56-400-110 | 100 pairs |
|------------|-----------|



Vacuum Suction Cup for Microjet

To fix the skis and boards on the microjet; 2 pcs. per machine.

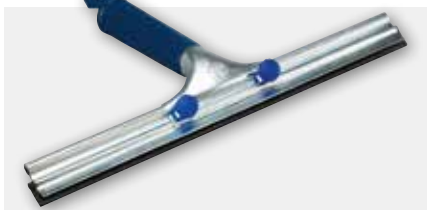
- | | |
|------------|-----------|
| 67-227-420 | Ø = 70 mm |
|------------|-----------|



Rubber Cutting for Vacuum Chuck

Tunejet

- | | |
|------------|------|
| 67-105-028 | oval |
|------------|------|



Snowboard Squeegee

55-240-200 L = 350 mm



Spray Gun with Tube

- Trimjet, Trim Disc 71**
8050-0811-V05 Cleaning tube (L = 2 m) with spray gun
- Omega, Sigma, Trim Disc 91, Micro**
8050-0521-V04 Spiral cleaning tube (L = 3 m) with spray gun
- Mercury, Discovery, Tunejet, Microjet, Shuttle**
8550-0811-V05 Spiral cleaning tube (L = 6 m) with spray gun

Spare Spray Gun
Retrofit Kit for cleaning tubes, including transition piece.

8550-0811-U05



Air Pistol with Hose
Special blow off pistol with low air consumption.

NEW

- Mercury**
37-500-417 Air pistol with high performance nozzle
33-240-205 Spiral hose L = 3 m
-



Micro, SNB 80, MCR, Trim 80/90, Polyjet

Support Roller

64-140-870 black



SEG (as from 1998)

Support Roller

7633-V2	Alpine, ø 50 mm, L = 85 mm
7634-V2	Extension for snowboards, ø 50 mm

Spare O-Ring

For support roller alpine and extension.

40-100-351	ø 40 x 4 mm
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Rubber Spray Guard

Omega 150, Race NC

67-207-267	L = 212 mm
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Omega 350 / SBI , Discovery (until 2012)

67-207-265	L = 350 mm
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Mercury, Discovery 2 (as from 2012)

67-207-262	L = 420 mm
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Ski Retainer

Spare Retainer for the automated conveyor magazine.

64-140-886	Retainer, green
8550-0911-062	Switch cam
02-195-116	Screw M4 x 16



Lifter Cable, Control Cable

Omega B, Sigma Eco, B, S

47-180-400 Lifter Cable

Sigma SBI

47-180-410 Lifter Cable

Micro 80 / 81 / 91 / 100, Micro 1 / SB2

47-116-125 Lifter Cable, stone side

47-116-126 Lifter Cable, belt side

47-116-125 Control Cable, belt side (as of 99 or with modification Kit)

SNB 80

47-116-125 Lifter Cable

MCR, SEL

47-116-100 Control Cable, back

47-116-110 Control Cable, front

47-116-120 Lifter Cable

Micro 71

47-116-128 Lifter Cable



Feed Wheel Rubber

Trimjet

56-400-060 4 pcs. per machine

1 Trim Disc 71

56-400-045 2 pcs. per machine

2 MCR

56-400-095

SEL, CBM

56-400-105



Feed Wheel

Feed wheel with 3 vulcanized feed wheel rubbers.

Omega, Sigma

56-400-130



Lacquer Sticks and Spray Paint

77-150-310	Spray Paint light grey 400 ml
77-150-311	Spray Paint dark grey 400 ml
77-150-312	Spray Paint green 400 ml
W-686-9006	Lacquer Stick light grey
W-686-9007	Lacquer Stick dark grey
W-686-7070	Lacquer Stick green

1 Grease Gun

With Tube.

70-140-150

2 Spare Tube

For Grease Gun, ref.no. 70-140-150.

70-140-151 L = 500 mm

Heavy Duty Lubricating Grease

76-320-141 400 g

Machine Upgrades

Basejet

Ski Rest Professional

The optional ski rest allows an ergonomic working process for the preparation of skis and snowboards at the automated base extruder Basejet.

7470-1411-V03

Omega S150, S350

Ski Exit Tray

The optional exit tray facilitates your daily work.

8100-0611-V50

Trimjet 2 (as of 2015)

Tray Extension

By this option (2 pcs. individually adjustable extensions), the exit trays on both sides can be extended by a maximum length of 400 mm. Thus the water dropping from the skis / snowboards flows back into the machine.

8490-0351-V04

NEW

NEW

Fluid Management

The fluid management system from WINTERSTEIGER supplies complete information for testing water and waterbased lubricating coolants. Offering a wide range of services for optimal testing, especially important for WINTERSTEIGER emulsion (lubricants, cleaning solutions, etc.).

Thus the industrial safety and industrial laws are followed. Providing a healthier environment for everyone. This modular system offers one custom made solution for all ski and snowboard service workshops, and is first of this kind on the market.

WINTERSTEIGER health-tips

Since lubricating coolants contain many different chemicals, the following preventive measures are recommended:

- Using suitable protective clothing
- Using suitable protective gloves
- Using suitable skin protection
- Do not rub or touch nose, mouth or eye area with dirty hands
- When skin comes in contact with lubricating coolants it should be immediately rinsed
- Thorough cleaning of the hands before meals, the toilet attendance, before work breaks and after completion of the activity
- Be sure to clean all parts of the body that have come in contact with lubricating coolants at the end of the work day with warm water and mild, non-scrubbing detergents
- Afterwards apply skin creme to washed areas, as skin tends to dry out easily after being in contact with so many chemicals

Micro Breather for Grinding Coolant

The lifetime of emulsions (grinding coolants) are significantly reduced by external pollution (bacteria) and missing oxygen in the water. If the mixture of water and emulsion in grinding machines is not in motion over a longer time, some bacteria or fungi can occur in the water quickly. To avoid this and to extend the lifetime of cooling lubricants, very fine air bubbles can be created with this Micro Breather by a ventilation plate. This ventilation plate is placed in the water tank and is controlled by a timer, which controls when and how often the air bubbles will be blown into the emulsion mixture.

The advantages for the user:

- increased lifetime
- less change intervals
- less consumption of emulsion
- improved hygiene
- pleasant working atmosphere
- less disposal costs
- a hygienic working environment
- promotes the health of the employees



55-645-375

230 V / 50 Hz / 5 W

Recommendation: Aeration and ventilation of workshops with Grinding Machines due to the resulting emulsion vapors

During operation of the grinding machines an emulsion vapor (cooling lubricant vapor) arises from the grinding machine. At manual grinding machines the legal limit values of emulsion vapor concentration in the air of a workshop can be observed by multiple recirculation of the air volume of the workshop per hour. At automated grinding machines the legal limit values of emulsion vapor concentration in the air of a workshop can be observed by aeration and ventilation of the workshop or by extraction of the coolant vapor from the grinding machine. For an effective removal of cooling lubricant vapor out of the room there is a sufficient amount of temperature-controlled air required.

The operator of a workshop has the responsibility that workshop and operation is in compliance with all valid legal regulations in regards to accident prevention, workplace and environmental rules (and other applicable regulations). Thus we recommend that planning, dimensioning and installation of an aeration, de-aeration and ventilation system is performed by a local qualified ventilation company. Technical informations on the installed grinding machines in the backshop room like air flow per hour can be provided by WINTERSTEIGER in order to ensure the appropriate sizing of the exhaustion.

For the emulsion vapor filters delivered by WINTERSTEIGER in the past, the following replacement filters are available and we recommend the regular exchange of the filter cartridges as well as the regular cleaning of the pre filter elements.

Spare Fine Filter Kit

For Emulsion Vapor Filter. Should be changed once or twice a year.

Discovery S / SF, Tunejet

20-116-543

Mercury, Discovery PS / SS / PSF / SSF / SSSF / PSSF,

Microjet Pro / Disc, Twin Shuttle / Jet Shuttle

20-116-544

Spare Pre Filter Kit

For Emulsion Vapor Filter. Should be cleaned regularly.

Discovery S / SF, Tunejet

20-116-547

Mercury, Discovery PS / SS / PSF / SSF / SSSF / PSSF,

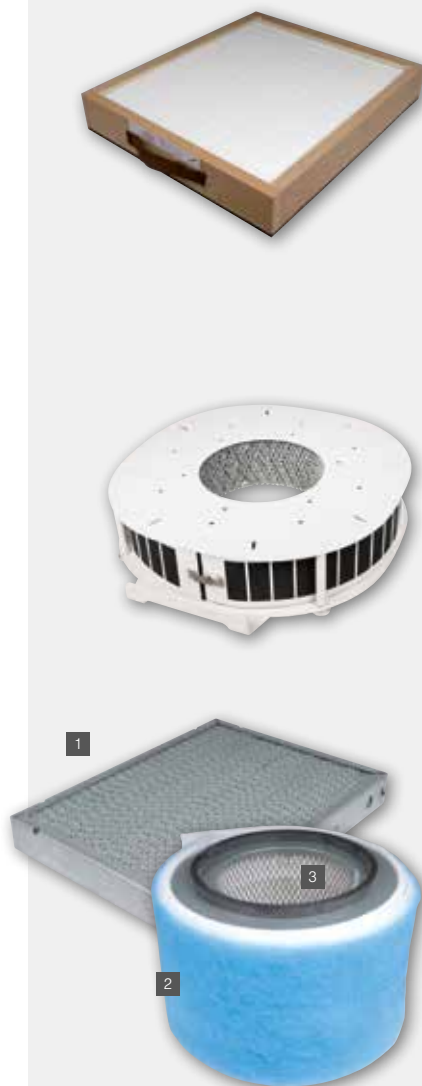
Microjet Pro / Disc, Twin Shuttle / Jet Shuttle

20-116-548

Spare Filter for Kappa Vapor Filter

For filters until 2006.

1	20-116-511	Prefilter
2	20-116-512	Filter fleece
3	20-116-513	Complete filter kit with fleece





Fully synthetic abrasive coolant with extended long term stability.

- Please note:**

- Please note:**

- For a perfect and constant mixture of the abrasive coolant.

- The accessories of this mixer contain:

- 55-645-245



Machine Cleaning Agent

Special anticorrosive.

7019-1011-VO1 1000 ml

Analysis Kit Pro-Tec B 358

Enables the scrutiny and measurement of lubricating coolants as well as the documentation of the results of your measurement.

This kit consists of:

- 1 pc. Hard Case
- 1 set of 55-645-342 Pro-Tec B 360 Combi Test Strips (100 pcs.) for the determination of ph-value, nitrite-value and water hardness
- 1 pc. Refractometer 55-645-245
- 1 set of Paper Tissues
- 1 pc. Pipette
- 1 pc. waterproof Marker
- 2 pcs. Measurement Charts
- 1 Handling and Measuring Instruction

55-645-316

Pro-Tec B 360 Combi Test Strips

For the determination of ph-value, nitrite-value and water hardness with 1 strip.

55-645-342 100 pcs.

Pro-Tec B 352 pH-Value Measurement Strips

55-645-244 100 pcs.

Pro-Tec B 351 Cult-Dip Bacteria Measurement Strips

55-645-320 10 pcs.

Magnetic Rod

This magnetic rod can be mounted in the water tank. It collects the iron chips from the edges and reduces the pollution of the emulsion at the tank bottom. The iron chips have to be removed from the rod regularly.

1 Omega, Trimjet 2 R (as of 2015), Discovery S / SF, Microjet Disc

8700-0521-V06 100 mm

1 Discovery PS / SS / PSS / PSF / SSF / PSSF

8550-0811-V08 200 mm

2 Trim 71 / 91

8470-0521-V06 100 mm

1 Trimjet, Trimjet 2 (as of 2015)

8480-0811-V13 100 mm





Pro-Tec G260 Lubrication Additive

Synthetic lubrication additive to add into the water tank - only for the Discovery! Mixing ratio 0.05 % (0.5 g/Liter).

Discovery

55-645-278 1 lt. Can



Pro-Tec G 220 Foam Cleaner Spray

Forms a stable foam of in-depth effectiveness.

55-645-370 Spray 500 ml

Pro-Tec G 230 Preservative Spray

Protects the varnish and prevents the corrosion of bare metal parts.

55-645-360 Spray 500 ml



Lubricating Spray NEOVAL MTO 300

A high quality lubricating spray with high-grade additives. This chemically optimized lubricant is unique in design to provide outstanding performance. Versatility and reliable long-term performance make this product to one of the best.

- sprays in all positions (ball valve)
- never becomes gummy or sticky
- free from acids, sulphure and silicone
- high creep properties, UV-resistant
- reduces friction, temperature and wear out
- proved rust and corrosion protection according to DIN No 51 585 AIB
- excellent heat resistance (-35°C to +500°C, short-term up to +1060°C)
- chemically neutral towards plastic or sealing material
- shelf-life in container: 10 years

Precise long-term lubrication, showing also excellent anti-corrosion properties and optimal creep properties. Neoval MTO 300 penetrates even to inaccessible lubricating points. Lubricates all kinds of movable plastic or metal parts. Treated parts stay clean and protected, Neoval MTO 300 does not attract dust.

55-645-112 400 ml, 12 sprays per box, price per piece



WD-40 Lubricating Spray

Competitive priced lubricating and cleaning product, also useable as corrosion protection.

55-645-110 400 ml



Pro-Tec G 252 System Cleaner

For the disinfection of the machine.

Recommendes concentration: approx. 1 - 3 % (10 - 30 g/Liter).

55-645-365 1 lt.

Pro-Tec B 361 Biocide

For the preventive use in the water tank to avoid possible problems with bacteria and germs. If you have problems with foam because of probably too soft beginning water, this biocide lifts the pH value of the water and prevents a possible foam. Also with small bacteria contamination an exchange of the water can be avoided by additive of the Biocide.

Recommended concentration: approx. 0.5 % (5 g/Liter).

55-645-347 1 lt.

Machine	Volume of Water Tank	Quantity of System Cleaner	Quantity of Biocide
Trimjet	60 lt.	0.9 lt.	0.3 lt.
Trim Disc 71 / 91	45 lt.	0.7 lt.	0.2 lt.
Omega, Sigma	80 lt.	1.2 lt.	0.4 lt.
Micro	95 lt.	1.4 lt.	0.5 lt.
Trim NC	100 lt.	1.5 lt.	0.6 lt.
Race NC / Micro NC	150 lt.	2.3 lt.	0.8 lt.
Mercury	200 lt.	3.0 lt.	1.0 lt.
Discovery 2 (as of 2012) up to 2 base processing modules	200 lt.	3.0 lt.	1.0 lt.
Discovery 2 (as of 2012) with 3 or more base processing modules	350 lt.	5.3 lt.	1.8 lt.
Tunejet	225 lt.	3.4 lt.	1.1 lt.
Discovery S / SF	225 lt.	3.4 lt.	1.1 lt.
Disc / Finish Shuttle	250 lt.	3.8 lt.	1.2 lt.
Twin Shuttle	430 lt.	6.5 lt.	2.2 lt.
Jet Shuttle	430 lt.	6.5 lt.	2.2 lt.
Discovery PS / SS / PSF / SSF / SSSF / PSSF	450 lt.	6.8 lt.	2.2 lt.



Pro-Tec G 290 Skin Protection Set

With wall support consisting of skin protection 1 lt, hand cleaner 3 lt. and skin care 1 lt.

55-645-355

These skin protection products can be ordered also separately:

55-645-356 Pro-Tec G 290 Skin Protection 1 lt.

55-645-357 Pro-Tec G 290 Hand Cleaner 3 lt.

55-645-358 Pro-Tec G 290 Skin Care 1 lt.

MACHINE ACCESSORIES

Accessories for Grinding Machines



Belt Filter

For optional use with the automatic service station Mercury and Discovery.
By permanent separating of the sharpening arrears the cleaning intervals of the machine as well as the life time of the water will be extended.

Mercury, Discovery 2 (as of 2012)

Gravity filter, small

At Discovery 2 only suitable for machines with 1 base processing module.

8570-0851-V10	3 x 400 V, 50 Hz / 3 x 220 V, 60 Hz, 0.12 kW, 120 kg
37-600-113	Filter fleece 500 mm x 200 m, also suitable to Belt Filter
	8550-4821-V02 (Discovery until 2012)

Discovery 2 (as of 2012)

Gravity filter, large

Only suitable for machines with 2 or more base processing modules.

8570-0851-V11	3 x 400 V, 50 Hz / 3 x 220 V, 60 Hz, 0.12 kW, 125 kg
37-600-114	Filter fleece 700 mm x 200 m





Touch Pen

For all machines with touch screen.

7000-0811-V01



Working Gloves

Wrinkle pre-shrunk, cut-proof and an excellent wet-grip, water tight, cotton lining.

55-500-027

310 mm long



Working Gloves PowerFlex®

- Extreme resistance to cuts, splinters and burrs. The PowerFlex® glove protects the wearer with a triple-layer construction that comprises steel, glass fiber and Kevlar®. The glove exceeds EN388 cut level 5.
- Extra-long cuff offers extended safety for the forearm.
- Natural rubber crinkle finish provides a firm grip.
- Partial water protection in the front area of the glove.
- Excellent washability, with no decrease in comfort or fading.

55-500-260 size 8

55-500-261 size 9

55-500-262 size 10

NEW

5



Safety Glasses UVEX super fit

The UVEX super fit glasses are ultra light safety glasses (only 21 grams) with hinged side arms, an innovative design concept and sporty dynamics. They combine the features of advanced UVEX safety eyewear with the benefits of leading-edge material technology. The extra slim wrap-around lenses with a 6.5 base curve provide outstanding protection against mechanical hazards.

57-100-390

white/green

Stone Cleaning Plate

Discovery 2 (as of 2012), Mercury

8570-0224-V02

Tunejet, Microjet

8700-0224-V02

Discovery S / PS / SS / SF / PSF / SSF / SSSF / PSSF

8550-0224-V02

Shuttle 200, Shuttle 3C

8500-02611-V2

Race NC

8040-0211-V05

Micro NC

8032-0211-V01



Filter Accessories

Machine	Filter Bag			Filter Sock		
Machine	Art. No.	Description		Art. No.	Description	
Discovery 2 (as of 2012)	55-635-165	ø 320 x 1500 mm		55-635-185	Uncut Filter Sock L = 50 m	
Discovery (until 2012)	55-635-165	ø 320 x 1500 mm		55-635-185	Uncut Filter Sock L = 50 m	
Mercury				55-635-185	Uncut Filter Sock L = 50 m	
Omega	55-635-175	Filter Bag Nylon, ø 140 x 500 mm, for multiple use		55-635-185	Uncut Filter Sock L = 50 m	
				55-635-180	oder Filter Sock L = 100 cm	
Sigma				55-635-185	Uncut Filter Sock L = 50 m	
				55-635-180	or Filter Sock, L = 100 cm	
Race NC				55-635-185	Uncut Filter Sock L = 50 m	
Trimjet 2 (as of 2015)	55-635-170	ø 250 x 560 mm		55-635-185	Uncut Filter Sock L = 50 m	
				55-635-180	or Filter Sock, L = 100 cm	
Trimjet (until 2014)	55-635-170	ø 250 x 560 mm		55-635-185	Uncut Filter Sock L = 50 m	
				55-635-180	or Filter Sock, L = 100 cm	
Trim Disc 71 / 91						
Trim NC	55-635-175	Filter Bag Nylon, ø 140 x 500 mm, for multiple use		55-635-185	Uncut Filter Sock L = 50 m	
				55-635-180	or Filter Sock, L = 100 cm	
Shuttle 3C	55-635-170 55-635-165	ø 250 x 560 mm ø 320 x 1500 mm for sludge pump of Twin and Jet Shuttle				
Shuttle 200						
Micro 71	55-635-160	ø 230 x 555 mm with metal ring				
Micro 81 / 91, SNB 80, Micro NC	7600-01311-V03	Filter Bag with metal frame				
	55-635-170	Spare Filter Bag 250 x 560 mm				
Tunejet	55-635-165	ø 320 x 1500 mm		55-635-185	Uncut Filter Sock L = 50 m	
				55-635-180	or Filter Sock, L = 100 cm	
Microjet	55-635-170	ø 250 x 560 mm				
						

Filter Mat			Filter Fleece			Filter Catridge			Cleaning Sieve		
Art. No.	Description		Art. No.	Description		Art. No.	Description		Art. No.	Description	
50-400-180	1400 x 600 x 20 mm (L x W x H)					37-600-142	L = 250 mm, 300 µm				
50-400-180	1400 x 600 x 20 mm (L x W x H)										
50-400-180	1400 x 600 x 20 mm (L x W x H)					37-600-142	L = 250 mm, 300 µm				
						37-600-146	L = 125 mm, 250 µm				
									64-140-900	288 x 233 mm	
50-400-185	830 x 365 x 20 mm (L x W x H)		37-600-121	Filter Fleece Sheet 700 x 1170 mm, 10 pcs.		37-600-140	L = 250 mm, 150 µm				
50-400-190	350 x 330 x 20 mm (L x W x H)								64-140-900	288 x 233 mm	
									64-140-900	288 x 233 mm	
									64-140-900	288 x 233 mm	
50-400-175	1155 x 840 x 20 mm (L x W x H)		37-600-123	Filter Fleece Sheet 1200 x 1500 mm, 10 pcs. or 37-600-119	Fleece Roll 1200 mm x 100 m						
50-400-180	1155 x 840 x 20 mm (L x W x H)		37-600-129	Fleece Roll 950 mm x 200 m							
50-400-185	830 x 365 x 20 mm (L x W x H)		37-600-121	Filter Fleece Sheet 700 x 1170 mm, 10 pcs. or 37-600-116	Fleece Roll 695 mm x 50 m				64-140-900	288 x 233 mm	
50-400-176 until end of 2003	1050 x 820 x 20 mm (L x W x H)		37-600-123	Filter Fleece Sheet 1200 x 1500 mm, 10 pcs. or 37-600-119	Fleece Roll 1200 mm x 100 m						
											

MACHINE ACCESSORIES

Accessories for Waxing Machines



Deburring Wheel				Waxing Wheel Wax Brush	Polishing Wheel (Texturing Brush)
Machine	Diameter	Width	Art.No.	Art.No.	Art.No.
Discovery (until 2012), Mercury	100 mm	350 mm		55-642-050	55-642-055 / Polishing Brush 55-642-060 / Scotchbrite Texturing Wheel 55-642-065 / Nylon Texturing Wheel
Waxjet Pro / 91 / 92 Waxjet 90 SNB	165 mm 155 mm	45 mm 350 mm	55-420-116	1-9-0135 or 55-642-040	1-9-0135 or 55-642-041 or 55-642-006
Discovery (until 2012)	155 mm	350 mm	55-420-125	1-9-0135	55-642-041
Tunejet	155 mm 75 mm	400 mm 400 mm		1-9-0137	55-420-130
Shuttle 3C	155 mm 100 mm	200 mm 150 mm		1-9-0133	55-420-109
Waxjet 82	165mm 155 mm	45 mm 350 mm	55-420-116	1-9-0135	
Waxjet 81	155 mm	350 mm		1-9-0135	
Waxjet 75/76 (until 1998)	155 mm 200 mm	150 mm 150 mm		1-9-0139	1-9-0140
Waxjet 75/76 (as of 1998) Waxjet 90	165 mm 155 mm 200 mm	45 mm 150 mm 150 mm	55-420-116	1-9-0139	55-642-004
BBG, CBM	200 mm	100 mm			1-9-0130
Trim 120	152 mm	25 mm	55-420-115		
Polisher 40 Single	200 mm	150 mm			1-9-0140
Polisher 40 SNB	155 mm	350 mm			1-9-0135





Waxing Belts

Waxjet 75

55-640-190 150 x 450 mm

Waxjet 80 / 90, SWM

55-640-180 100 x 800 mm

Waxjet 91, Waxjet 80 / 90 SNB

55-640-185 350 x 450 mm

SNBWM

56-180-370 340 x 1050 mm

Waxing Belt

Reichmann BWM 350

55-640-188 350 x 472 mm



Polishing Belt

Shuttle 3C

56-180-500 Ø = 90 mm, B = 120 mm



Waxing Fleece Roll

Trim 120, Shuttle 3C

1-9-0311 150 mm x 30 lfm, for hot waxing



Neoprene Sleeve

Wax'on, Skidwax

56-180-372 Ø = 119 mm, B = 350 mm



Waxjet 92, Waxjet

Exhaust Hood for Waxjet

Including 30° pipe bend and 150 mm hose connection nozzle;
The suction hose connecting to this and any extractor fan which
may be required must be provided on site.

7567-4411-V01

**Discovery 2 (as of 2012), Mercury,
Discovery SF / PSF / SSF / PSSF / SSSF**

Wax Bloc

55-640-117	W = 340 mm, Universal for all temperatures
55-640-118	W = 340 mm, Special wax, warm, 0° to -8° C
55-640-119	W = 340 mm, Special wax, cold, -8° to -20° C

Tunejet SDF / SBF

Wax Bloc

55-640-157	W = 390 mm, Universal for all temperatures
55-640-158	W = 390 mm, Special wax, warm, 0° to -8° C
55-640-159	W = 390 mm, Special wax, cold, -8° to -20° C



WINTERSTEIGER Bar Wax

1 box = 10 x 250 g = 2,5 kg; for hot waxing of skis and snowboards;
handy bar shape to apply to waxing machines.

55-640-330	2,5 kg, Yellow / Warm, -8°C to 0°C (18°F to 32°F)
55-640-335	2,5 kg, Blue / Cold, -8°C to -20°C (18°F to -4°F)
55-640-340	2,5 kg, White / Universal for all snow temperatures
55-640-345	2,5 kg, Black / Universal molybdenum for all snow temperatures

Produced by VOLA RACING.



WINTERSTEIGER Block Wax

1 Counter Top Display Box = 80 x 30 g = 2,4 kg; for hot waxing of
skis and snowboards.

55-640-350	2,4 kg, Yellow / Warm, -8°C to 0°C (18°F to 32°F)
55-640-355	2,4 kg, Blue / Cold, -8°C to -20°C (18°F to -4°F)
55-640-360	2,4 kg, White / Universal for all snow temperatures

Produced by VOLA RACING.

MACHINE ACCESSORIES

Accessories for Waxing Machines



WINTERSTEIGER Wax Flakes

5 kg box; for hot waxing of skis and snowboards.

- | | |
|------------|---|
| 55-640-310 | 5 kg, Yellow / Warm, -8°C to 0°C (18°F to 32°F) |
| 55-640-315 | 5 kg, Blue / Cold, -8°C to -20°C (18°F to -4°F) |
| 55-640-320 | 5 kg, White / Universal for all snow temperatures |

Produced by VOLA RACING.



WINTERSTEIGER Liquid Wax

Alpine Liquid Wax for all snow temperatures.

- | | |
|------------|--------------------------|
| 55-640-365 | 5 Liter Can (169 fl oz) |
| 55-640-370 | 1 Liter Can (33,8 fl oz) |

Produced by VOLA RACING.



WINTERSTEIGER Wax Remover

For removing grease, wax, adhesives and cleaning.

- | | |
|------------|--------------------------|
| 55-640-305 | 1 Liter Can (33,8 fl oz) |
|------------|--------------------------|

Produced by VOLA RACING.



Pressure Pump Sprayer

Handy pump spray for the application with the liquid wax and wax remover.

- | | |
|------------|---------------------------------------|
| 55-640-147 | 1.5 lt., with adjustable spray nozzle |
|------------|---------------------------------------|
-



Test Binding

Once a month, your ski binding testing machine must be checked with a test binding.

7711-401

Drivetronic

Thermopaper

With 10 years readability.

15-798-290 W = 57 mm, L = 10 m

Drivetronic, Speedtronic

Thermopaper

With 10 years readability.

15-798-286 W = 80 mm

Drivetronic

Printing Forms

- Height of A4
- 2 Copies like 55-700-900/-950/-960
- with ring punching to store in a ring binder

With the external ticket printer TM-U295 the release values can be printed at this printing form.

55-700-995 KG english with 5 Skier Types (-1, 1, 2, 3, 3+), 500 pcs.
55-700-990 KG german with 5 Skier Types (-1, 1, 2, 3, 3+), 500 pcs.

Speedtronic Pro, Speedtronic, Skitronic Plus

Printing forms

For Speedtronic and Skitronic plus only with softwareupdate V5.0 according to ISO 11088 / 2005.

55-700-900 KG german with labels, with 5 Skier Types (-1, 1, 2, 3, 3+), 500 pcs.
55-700-950 KG german with 5 Skier Types (-1, 1, 2, 3, 3+), 500 pcs.
55-700-960 KG english with labels, with 5 Skier Types (-1, 1, 2, 3, 3+), 500 pcs.
55-700-643 KG french with labels, with 3 Skier Types (1, 2, 3), 500 pcs.
55-700-970 KG dutch with 5 Skier Types (-1, 1, 2, 3, 3+), 500 pcs.

MACHINE ACCESSORIES

Accessories for Binding Adjusting Machines

5



Speedtronic, Skitronic Plus

Printing forms

For software up to V4.99.

- | | |
|------------|---|
| 55-700-620 | KG german with labels, with 3 Skier Types (1, 2, 3), 500 pcs. |
| 55-700-630 | KG german with 3 Skier Types (1, 2, 3), 500 pcs. |
| 55-700-643 | KG french with labels, with 3 Skier Types (1, 2, 3), 500 pcs. |



Skitronic

Printing forms

Only available as long as stock lasts!

- | | |
|------------|--|
| 55-700-336 | KG german (7702), 500 pcs. |
| 55-700-359 | KG german with labels (7704), 500 pcs. |



Clip

To fix the printing forms at the skis / snowboards.

- | | |
|------------|----------|
| 55-700-310 | 144 pcs. |
|------------|----------|



Tibiameter

7019-01111-18

Skitronic Plus, Skitronic, Speedtronic, Speedtronic Pro

Cleaning Card

55-700-500



Skitronic Plus, Speedtronic, Speedtronic Pro

Printer Ribbon

16-900-501

Skitronic

Printer Ribbon

16-900-004



Spare Heel Release belt

Speedtronic Pro

67-760-151 L = 300 mm

Drivetronic

67-760-152 L = 320 mm

Speedtronic

67-760-150 L = 250 mm



Skitronic Plus, Skitronic

Spare Heel Release Belt

7700-04211-19 360 mm

7700-04211-20 330 mm, for platform bindings



Spare Clamps für Binding Testers

Skitronic Plus, Skitronic

7705-0231-V02 Standard Clamp

64-140-676 Spare Edge Protection 5 mm

64-140-677 Spare Edge Protection 10 mm



Drivetronic

7725-0311-V22 Spare Clamp

MACHINE ACCESSORIES

Accessories for Binding Adjusting Machines



Bent Lever Clamping Kit Skitronic Plus

Complete clamping kit Speedtronic Pro as conversion kit for Skitronic Plus, which enables the fixation of wider skis (up to approx. 115 mm in the binding area).

7705-70

Bent Lever Clamping Kit Drivetronic/Speedtronic

Complete clamping kit Speedtronic Pro as conversion kit for Drivetronic/Speedtronic.

7726-10



Skate Grinding Machine PROSHARP AS1001

The PROSHARP AS1001 enables with automated grinding cycles, constant grinding pressure and feed speed a very precise and continuous grinding quality.

- Adjustable hollow setting, up to 6 mm radius
- Adjustable grinding wheel pressure and feed speed are constant during the entire grinding cycle
- The boot is fixed on a clamping device and the whole clamping device moves with a constant speed automatically forward and backward over the grinding wheel with a chosen number of grinding cycles (up to 5 grinding cycles)
- **NEW:** with modified dressing unit to create a Z-channel. This Z-channel gives increased grip, edge control and more speed!

Technical data

- Power Rating: 200W
- Voltage: 1 x 100 - 240 VAC; 50 - 60 Hz
- Length: 660 mm, Width: 200 mm, Height: 240 mm
- Weight: 18 kg
- Comes with a stable transport box

55-755-040

Grinding Wheel

- | | |
|------------|--------------------------|
| 55-755-045 | 130 x 6 mm, K 70, fine |
| 55-755-047 | 130 x 6 mm, K 54, coarse |

Synthetic Diamond Dresser

55-755-050

Hollow and Blade Thickness Checker

55-755-055

Skate Grinding Wax

At the skate grinding machines with ceramic grinding wheel, a finer and more shiny blade of the skate can be reached by applying a „grinding wax“ on the skate blade or at the grinding wheel.

55-755-110 62 g

NEW



Skate grinding machine Prosharp SKATEPAL-Pro 3

The portable automatic skate sharpening machine for the highest demands. In a short time the high-precision diamond grind technology of this machine allows a constant, sharp and clean grind. The diamond grinding wheel with a fixed radius of hollow guarantees a precise diamond cut and sets standards for optimal gliding on the ice. Simply clamp the skate and 2 - 4 minutes later you get perfect edges. The SKATEPAL brings a new higher standard of grinding. The hollow radius can be changed by the easy and fast change of the diamond wheel. The new SKATEPAL Pro 3 consists of a built-in carrying case and the vacuum cleaner can be connected on the right side of the case.

USP's:

- Automatic centering unit for the skate
- Diamond grind with predefined radius
- Fast grinding of the skates within 2-4 min per pair
- Quick change of the grinding wheel
- Easy use of the machine

Technical data:

- Voltage: 12V DC, 1 x 100 - 240 VAC, 50 - 60 Hz, 150 W
- Dimensions: 670 mm x 210 mm x 320 mm (L x W x H)
- Weight: 14 kg

55-755-085

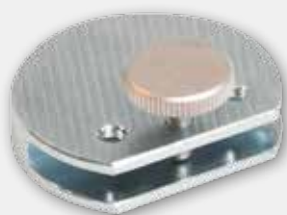
1 x 100 - 240 V, 50 - 60 Hz, 100 W

SKATEPAL Diamond Grinding Wheel

With a fixed radius of hollow.



55-755-087	radius 25 mm, Ø 100 mm, grit 64, for universal use
55-755-086	radius 13 mm, Ø 100 mm, grit 64, for hockey
55-755-093	radius 10 mm, Ø 100 mm, grit 252, for hockey
55-755-088	radius 13 mm, Ø 100 mm, grit 252, for hockey
55-755-089	radius 19 mm, Ø 100 mm, grit 252, for rental
55-755-090	radius 13 mm, Ø 60 mm, grit 64, for figure skates
55-755-091	radius 13 mm, Ø 60 mm, grit 252, for figure skates



SKATEPAL Toe Pick Adaptor

To use with figure skates.

55-755-091



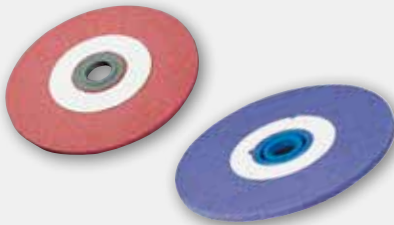
SSM-2 / H 10

Portable skate grinding machine for hollow and flat grinding. Features an adjustable support roller, quick release holder and dust outlet. The new quick release holder H 10 enables also the fixation of speed skating boots.

7750 1 x 220 V, 50 Hz, Motor: 0.3 kW

Stand for SSM-2

7922-401 35 x 40 x 75 cm



Grinding Wheel

55-755-020 pink, 150 x 6 mm

Grinding Wheel

For hard metal skates.

55-755-021 blue, 150 x 6 mm



Diamond for hollow grinding

55-755-025 L = 80 mm

Diamond for flat grinding

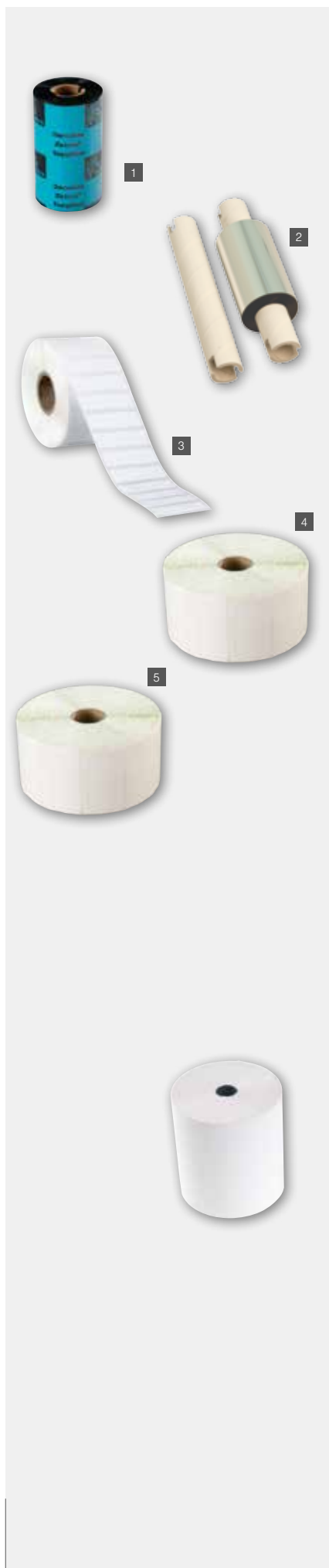
55-755-026 L = 50 mm



PROSHARP Dust Cleaner Numatic

Suitable for PROSHARP SKATEPAL Pro 3, AS 1001 and SSM-2 / H10.

55-755-095 1 x 220 - 240 V, 50 - 60 Hz, 1200 W



For Zebra Printer:

Thermotransfer Catridge

To use with plastic (polyester) labels.

- | | | |
|---|------------|--|
| 1 | 15-798-182 | Resin 56.9 mm – L = 74 m, Printer: TLP 2824 |
| 2 | 15-798-830 | Resin 56.9 mm with 110 mm wide cardboard roll
L = 74 m, Printer: TLP 2844, GK 420 |

3 Polyester Labels

On carrier paper, removable, waterproof.

- | | |
|------------|---|
| 15-798-187 | 40 x 12 mm, 2000 pcs. |
| 15-798-825 | NEW: carrier paper perforated between each label |

4 Polyester Labels

Between each label perforated, on carrier paper, removable, waterproof.

- | | |
|------------|-----------------------|
| 15-798-205 | 40 x 25 mm, 2000 pcs. |
| 15-798-184 | 57 x 32 mm, 2000 pcs. |

5 Paper Labels

For merchandise management and depot.

- | | |
|---------------|-----------------------|
| 15-798-185-04 | 40 x 25 mm, 2000 pcs. |
| 15-798-835 | 50 x 25 mm, 1300 pcs. |
| 15-798-185-01 | 57 x 32 mm, 2100 pcs. |

1 Thermotransfer Catridge

For paper labels, non-bleaching.

- | | |
|------------|---------------------------|
| 15-798-181 | 56.9 mm – L = 74 m, waxed |
|------------|---------------------------|

For Bon printer:

Thermo Paper

- | | |
|------------|---|
| 15-798-186 | W = 80 mm, L = 80 m, 50 pcs. per box, price per piece |
|------------|---|

Thermo Paper

With 10 years readability, for bon printer.

- | | |
|------------|---|
| 15-798-286 | W = 80 mm, L = 80 m, 50 pcs. per box, price per piece |
|------------|---|



Labels for Goggles

On carrier paper, removable, waterproof.
For the retail pricing of goggles.

15-798-298 90 x 13 mm, 1250 pcs.



Thermotransfer Cartridge

Super Premium, for Labels 15-798-298.

15-798-855 110 mm, L = 74 m,
Printer: TLP2844, GK420



Customer Cards Easyrent

55-700-790 500 pcs.



Barcode Label

78-220-575 White, 30 x 17 mm, 1 roll = 500 pair labels
78-220-574 White, 30 x 17 mm, 1 roll = 100 pair labels
78-220-585 Red, 30 x 17 mm, 1 roll = 500 pair labels
78-220-586 Blue, 30 x 17 mm, 1 roll = 500 pair labels
78-220-587 Yellow, 30 x 17 mm, 1 roll = 500 pair labels
78-220-588 Green, 30 x 17 mm, 1 roll = 500 pair labels
78-220-589 Orange, 30 x 17 mm, 1 roll = 500 pair labels

Barcode Label with customized Logo

Delivery Time: 5 - 6 weeks

Minimum Quantity: 6 rolls = 3000 pair labels

78-220-590 30 x 17 mm, 1 roll = 500 pair labels
78-220-578 30 x 25 mm, 1 roll = 500 pair labels



Layout proposal



Easystore Flex

Custom-made solutions – the right choice for everyone.

WINTERSTEIGER's Easystore Flex systems for rental, depot and drying are extremely flexible and stable – they also offer a modern design as well as many new solutions that make them highly functional.

The Flex Modules can be combined for customized solutions.

Easystore Flex is the result of: the feedback and needs of our global customers, the further development of the tried-and-tested Easystore systems and the collaboration with renowned design agencies.

Experience the successful difference of Easystore Flex!

Easystore Flex –
more than just an
eye-catcher.



Compelling details.

Two types of Easystore Flex storage systems are available:

- Ski racks of sendzimir-galvanized panel-sheet **1** – ideal for the back-of-shop area
- Ski racks of sendzimir-galvanized panel-sheet with additional powder coating **2** – for a professional appearance



For an individual design, the ski rack's vertical supports can be equipped with narrow **3** or wide **4** front panels at the front and rear. We are happy to assist you with the design, including suggestions for the graphics.



7

FOM – Functional. Optimal. Maximal.

For the front panel, there are three options to choose from:

- Functional: The entry-level model in trendy white
- Optimal: A selection of wood designs
- Maximal: Panels printed with your logo and professional design



Functional



Optimal



Maximal

Easystore Flex – flexibly combining modules.



The individual storage and drying modules can be combined and arranged into individual storage systems – even within the same rack.



From planning to implementation. Benefit from our experience.

WINTERSTEIGER supports you from the planning phase all the way to implementation of your perfect rental and depot facility. An optimal organization – from the arrival of the customer to the issuing of the sports equipment – provides faster turnaround times and makes the work easier.



2D planning



3D planning



Implementation

Easystore Shop Furniture

A brilliant combination of design, ergonomics and flexibility.

Easystore shop furniture proves vividly that form and function can go hand in hand on the shop floor. WINTERSTEIGER has successfully combined ergonomic requirements with timeless minimalist design into a trendy package – while achieving an extremely high level of flexibility in customization.

The result is a modular furniture program that guarantees a user-friendly and attractive environment for you and your customers.



7

More success – with the customized FOM system.

Functional. Optimal. Maximal.

Easystore shop furniture is geared to your ideas. Our FOM system offers three appealing choices to customize your shops and optimize your workflow.

Functional – the entry-level model in trendy white

Optimal – offers the widest choice of colors and styles

Maximal – stands for project-specific design of your shop furniture



Functional



Optimal



Maximal



Easystore Tailor-made storage solutions – the right choice for everyone.

Easystore locker systems by WINTERSTEIGER make an impression with state-of-the-art design, maximum flexibility and stability, and maximum storage capacity on a minimal footprint. Customized features allow you to choose your own colors, logos, visuals and labeling to customize the locker design.

Thanks to our partnership with Gladek Technik in the field of storage lockers, our range of rental, storage and drying systems has become even more versatile. We plan storage lockers individually based on your requirements, taking maximum space utilization, drying and disinfection into account and at the same time catering to your access system needs.

Our Easyrent rental, storage and POS software makes storage management unbelievably fast and easy. It also features a simple module for managing and lock control for the Easystore locker systems.

Benefit from our experience. WINTERSTEIGER supports you from the planning phase all the way to implementation of your perfect storage facility. Read the following pages to discover in detail what WINTERSTEIGER offers you.

Please request the Easystore locker systems brochure for detailed information about customized locker solutions.



NEW

Ecological



The bactericidal and fungicides effect of the disinfectant and deodorizer liquid STERIBIO were tested in the laboratory and correspond to the standards DIN EN 1040 as well as DIN EN 1075.

SHOE FRESH / HELMET FRESH

Water-based, ecological disinfectant for shoes and helmets. Spray several times inside the shoes, helmets and allow to dry about 15 minutes long.

- Smell: Eucalyptus
- Without alcohol
- Biodegradable
- Includes no synthetic perfume
- Recyclable cans made of HDPE
- Approved disinfection efficiency according EN 1276

55-100-880	NEW! SHOE FRESH, 500 ml pump spray; 12 pcs per box, price each
55-100-885	NEW! HELMET FRESH, 500 ml pump spray; 12 pcs per box, price each
55-100-865	SHOE FRESH, 5 lt. can
55-100-870	HELMET FRESH, 5 lt. can

Disinfection and Deodorizer Liquid STERIBIO

For ski boots and sport shoes.

1	55-100-768	5 lt. can, smell: Freshness
1	55-100-773	5 lt. can, smell: Pin/Mint

Spray Bottle

For Disinfection and Deodorizer Liquid STERIBIO.

2	55-100-769	500 ml
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Spray Bottle with extension 90°

With this extension, the toe area of the boots can be treated perfectly.

3	55-100-811	Pump Spray 1000 ml without liquid
---	------------	-----------------------------------

Deodorizer

For boot dryer Eole Innova, Eole 1 / 6 / 7 / 9 / Optima.

4	55-100-772	Vanilla, set with 24 units
4	55-100-774	Vanilla, set with 10 units
4	55-100-761	Caribbean, set with 24 units
4	55-100-762	Caribbean, set with 10 units

(1 unit is enough for about 4 weeks)

SILICOL Renovator

For boots, skis and snowboards.

- Cleans and makes shiny
- Brightens colours up
- Sets an antistatic, antidust and hydrophobe film
- Dries without leaving of marks
- Sweet smell for a pleasant use

55-100-847	6 pcs. à 750 ml
------------	-----------------





Disinfection and Deodorizer Liquid BACTOBOOSTS

For ski boots and sport shoes to use with the Easystore Boot Dryer PREMIA PRO.

55-100-830 10 lt. can



DESINEX Disinfection Liquid

For lockers with automated liquid disinfection.

55-100-855 12 lt. can



Air Refresher Tabs

To be used for the Easystore Flex drying modules. Per level one piece of air refresher tab has to be put into the slot provided on the front side of the fan housing.

55-100-807 Ø 53 mm, bag with 10 pcs.



Deodorizer Zytrus 5 layers

For Easystore Boot Dryers OPTIMA, PREMIA and INNOVA.

55-100-806 100 x 50 x 5 mm

Easyfresh – sanitized and fresh Boots and Helmets!

Bacteria have no chance anymore with Easyfresh! With two nozzles on each arm the whole boot can be disinfected perfectly. The compact machine has two arms for boots and one flexible nozzle for the treatment of helmets. Therefore your boots and helmets are always fresh and sanitized!

- the flow rate und spray period can be choosen on the control panel
- compressed air needed (6 bars pressure from the workshop outlet or a small separate compressor)
- space for 2 separate liquid cans (5 lt. each), 1 for boots and 1 for helmets works without electricity for a maximum of safety and reliability



Easyfresh Disinfection Device for Boots

Basic device with two arms for boots.

7368-03



Easyfresh Option for Helmets

Flexible nozzle for helmets, including 5 lt. disinfection liquid HELMET FRESH for helmets.

7368-0912-V01



Compressor Schneider Silent Master 100-8-6W

For Easyfresh disinfection device; compact compressor which suits into the frame of the Easyfresh.

33-100-331 1 x 230 V, 50 Hz, 0.55 kW, 0.75 HP





WINTERSTEIGER Workshop Apron

78-300-585



Ski Clip Racing Service

78-300-224 Alpine, green, 450 x 38 mm
 78-300-227 **NEW:** Alpine, green 560 x 60 mm
 78-300-222 Cross Country, green, 38 mm

Ski-Zip

78-300-225



Anti Theft Device

With sturdy plastic housing, code number lock with 4 digits and stainless steel wire; the handy antitheft device for your winter sports equipment.

55-100-908



Workshop Service Sticker

With consecutive numbering, minimum order: 100 pcs., informs your customer about the service steps and the advantages of a service.

78-300-780 German, 22.5 x 6 cm
 78-300-781 English, 22.5 x 6 cm
 78-300-783 Italian, 22.5 x 6 cm



Tip Cover

Protects the edge and points to the perfect condition of the ski on collection.
Also reminds the customer later about the importance of the service.

78-300-220 16 x 30 cm, Material: Polypropylene fleece

Layout proposal



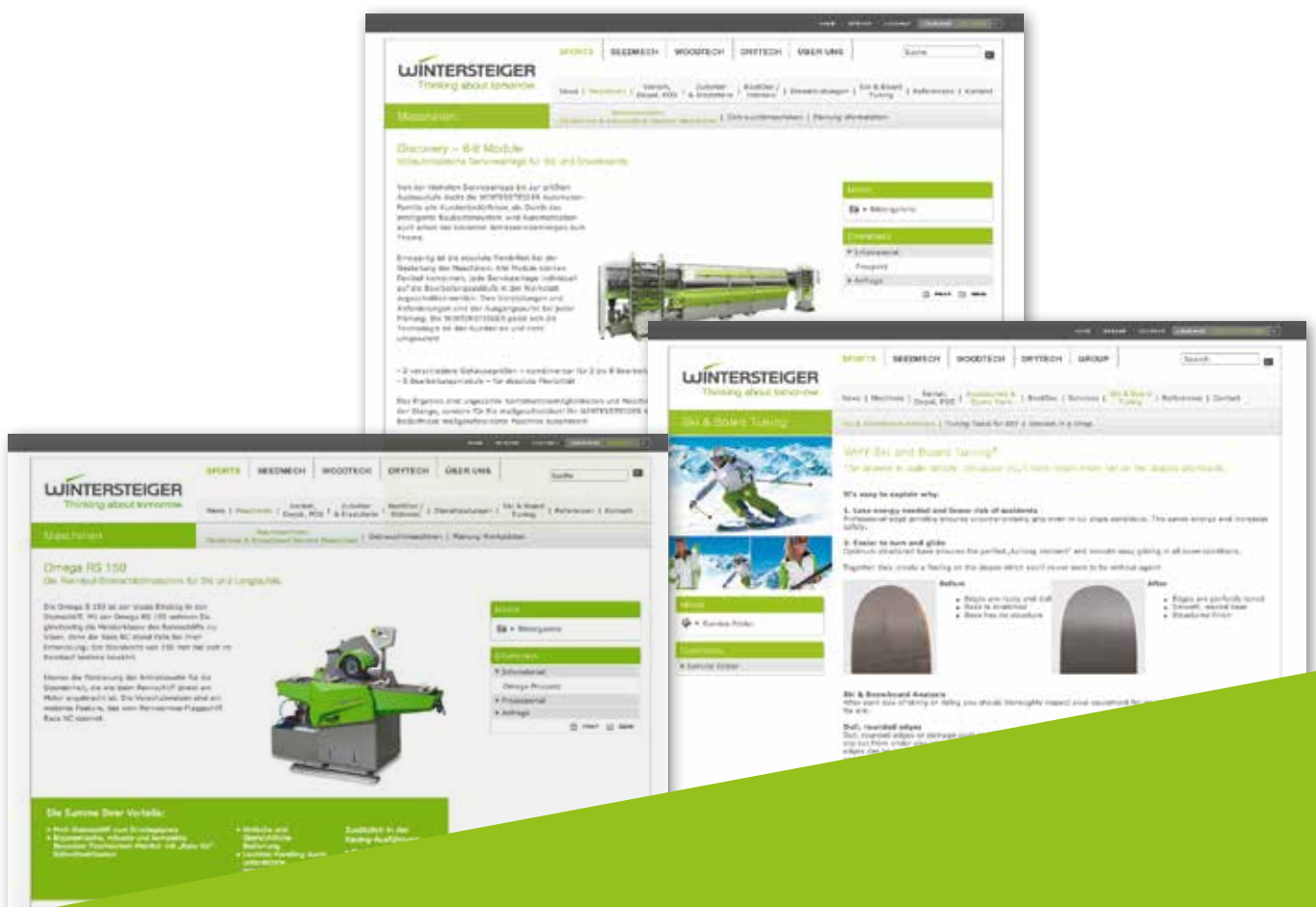
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- Latest news on products, services and technologies
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- The complete machinery program
- Solutions for the rental business
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- After Sales Services
- Professional marketing support
- Why Ski & Board Tuning?
- References



www.wintersteiger.com



Client
Address
Phone-No.
Fax-No.

Date / Signature

Personal Data

Client	Delivery Address
Address	
	Desired Delivery Date
Phone-No.	Date / Signature
Fax-No.	

Product Order



Success begins with the right decisions. At the right time.
We look forward to you!



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